Audio Amateur Cumulative Index Volumes 1-10: 1970-1979

THIS INDEX, like Gaul, is divided into three parts: Subject, Author, and Title. Page 34 of Issue #2 of the 1979 series is shown as 79/2:34. Items appearing in the *Audio Aids* column have been indexed by subject and by author only. Letters containing information, following up articles, etc., are listed only in the subject index.

SUBJECT

AC INPUTS
Neater by cheater (*T&T item*). Rossmassler. 72/1:27
ACOUSTICS
Halls: acoustician vs. architect (*Letters*). Schaefer. 76/2:41
Book review: *Fundamentals of Musical Acoustics*. Parsons. 77/3:44
More facts of life on sound source localization. Bayzer. 78/3:22
Holes hardware and hearing. Rees & Shaffer. 79/3:36
ADAPTERS
Kitchen-table surgery (*Audio Aid*). Levitt. 74/4:26
ADVENT CORPORATION
Conversation with Henry Kloss. 71/3:3
AMPLIFIERS
Numbers game. 70/3:3
The twin-twenty Mark II. Williamson. 70/1:4
A low noise tape playback amplifier. Williamson. 70/3:5; 4:14
Methods of protecting output transistors in audio amplifiers. Bailey. 70/3:11
The Bailey 30-30. Bailey. 70/4:7
Building the Bailey. 70/4:11
Williamson revisited (*Letters*). Lawton. 71/1:21
The twin-twenty revisited. 71/2:14
JBL mods (*T&T item*). Relich. 71/3:18
The Tigers retort (*Letters*). Meyer. 71/3:21
Tiger test traps (*T&T item*). Repka. 72/1:27
Earphone super amp (*Letters*). Herman. 72/1:37
Modified Tiger amps (*T&T item*). Wiley and Hitt. 72/2:18
Twin-20 input level control (*T&T item*). 72/2:18
Tape amplifier re-tape (amendment). Williamson. 72/2:21
The Edwin A & B amplifier. Lambrechts. 72/3:3
Optimizing the Tiger 175-A. Meyer. 72/3:18
An electrostatic speaker system, part 2 the amplifier. Hermeyer. 72/4:9
Sleuthing a tape deck mis-design (*Audio Aid*). Hazlehurst. 73/1:16
More Tiger tales (*Letters*). Ligon. 73/1:29
Electrostatic amplifier Mark 2. Hermeyer. 73/3:8
The super brute. Landers. 73/3:11
Landers lapses? Dunning (& Landers). 74/3:36
Evaluating our electrostatic amp (*Letters*). Cade. 73/3:26
A power doubler. Hill. 73/4:14
Subtropical Tigers in heat (*Audio Aid*). Harris. 74/1:20
Tube power proposal (*Audio Aid*). Buvel. 74/4:26
Kit report: SWTP headphone amplifier. Hill. 74/4:30
Kit report: The taming of Ampzilla. Jung. 75/2:11
Showcase: Roger Sanders cans a Williamson for cans. Sanders. 75/3:34
The Sanders electrostatic amplifier. Sanders. 76/1:2; 76/3:39
The Lister amplifier (*Audio Aid*). Lister. 76/1:24
Classic circuitry: Audio Research D-76 amplifier. 76/1:36
GAS retreat (ed. note). 76/1:43
Kit report: Heath's AA-1640. Jung. 76/2:10
Power for monsters (*Audio Aid*). Preis. 76/2:26
Classic circuitry: Marantz model 5. 76/2:38; 76/3:39
Adapting ARC's to ESL's (*Letters*). Sanders. 76/2:39
Ventilating Stereo 70 (*Audio Aid*). Lathrop. 76/3:34
Dyna's Stereo 70: a simple modification. Eisenson. 76/4:12; 77/1:47
Driving electrostatic 'phones (*Letters*). Jay. 76/4:52
Ampzilla amend (*Letters*). Eppler. 76/4:54
Ampzilla addendum (*Letters*). D'Appolito. 76/4:54
Slewing induced distortion in audio amplifiers. Jung. 77/1:4; 77/2:22, :37; 77/3:21; 77/4:22
Updating early Dynaco ST-120 (*Audio Aid*). Bostic. 77/1:34
Transform your monster (*Audio Aid*). Schaffer. 77/1:38
Classic circuitry: Marantz Model 9 power amplifier. 77/1:44
Ampzilla—again (*Letters*). Jung. 77/1:48
Kit report: Dyna 400. Jung. 77/2:48; 77/4:51
Super power amplifiers: an aural comparison. Jung. 77/2:62
Metering Mark III's (*Audio Aid*). Boylan. 77/3:4
Craftsman's co-op (*Letters*). Lawrence. 77/3:52
Audio Research remakes Dynaco's Stereo 70. Dell. 77/4:4
SWTP 207A mod (*Audio Aid*). Shults. 77/4:44
Classic circuitry: Audio Research D-76A amplifier. 77/4:50
Improving the Dyna Mark III power supply. Boak. 78/1:32
A substitute 6550 (*Audio Aid*). Thompson. 78/1:46
Classic circuitry: the Marantz power amplifier Model 5. 78/1:62
Constructing the electrostatics (*Letters*). White. 78/1:68
Classic circuitry: the Childs 50W power amplifier. 78/3:47
Electrostatic amplifier—correction (*Letters*). Gorin/Hermeyer. 78/3:54
Biasing and Mark IIIs (*Letters*). Boylan/Boak. 78/3:55
The Pass/A40 power amplifier. Pass. 78/4:4; 79/1:50
Mark III biasing (*Letters*). Sachs. 78/4:47
Mark III supply (*Letters*). Greenia/Boak. 78/4:52
Mark III capacitors (*Letters*). Hoppe/Boak. 78/4:52
Mark II microFarads multiplied (*Audio Aid*). Squires. 79/1:34
ESA-3 high voltage (*Audio Aid*). Moritko. 79/1:40
De-mush your Citation II (*Letters*). Paprocki. 79/1:53
Stereo 70 mod (*Letters*). Fisher. 79/1:55
Boak's regulator queried (*Letters*). Hodge/Boak. 79/1:55
Classic circuitry: the Marantz 8B power amplifier. 79/2:20
Mark III questions (*Letters*). Olson/Boak. 79/2:48
Pass: is it Class A? (*Letters*). Shults/Pass. 79/2:49
Adding capacitors to Mk. III (*Letters*). Smith/Boak. 79/3:62
The Williamson 40/40 power amplifier. Williamson. 79/4:5
ANTENNAS
Hinge your FM farm. Hill. 71/4:12
When the station is too close (*Letters*). Hill. 72/3:32
A $10 three-element Yagi antenna for FM. Stein. 77/3:15
Additional antennas (*Letters*). Dickey. 78/3:57
ATTENUATORS
Switched attenuators. Gloeckler. 72/2:14
A precision attenuator: 111dB's around the workshop. Gloeckler. 77/4:12
Attenuated by ladder (*Audio Aid*). Parsons. 73/3:20
AUDIO ENGINEERING SOCIETY
An amateur at an AES convention. Thoroman. 77/3:18
AUDIO EQUIPMENT
Price, time and value. Amateur. 70/2:13
AUDIO RESEARCH CORPORATION
We visit Audio Research. The Editor. 75/3:5
AUDIO SOCIETIES
Audio: private vice or group dynamic. 70/1:2
New York's audio foo yung (*Letters*). Tilcher. 70/1:12
Good mouthing the AES (*Letters*). Thomas. 70/3:21
New York Audio revisited (*Letters*). Winthrop. 71/1:21
How to found an audio group. Brinton, Repka. 75/2:8
BOOK REVIEWS
Benchmarks. 70/2:20
Radio Amateurs Handbook; Mullard circuits for audio amplifiers; Transistor audio and radio circuits; Hobby circuits manual; Applied Math for Radio and Communication Engineers; Reproduction of Sound; Basic Electronics.
Taping interconnect aid (*Letters*). Durber. 70/3:22
Schematic primer. 70/4:23
How to read schematic diagrams.
The semiconductor data book. 71/1:23
Cable television: a guide for community action. 71/3:2
Book talk. Miller
Radio Amateur's Handbook: Basic electricity; Basic Electronics; Transistor Audio Amplifiers; Basic Electricity/Electonics; It's easy to Use Electronic Test Equipment; Understanding IC Operational Amplifiers; Solid-State Circuits for Hobbyists and Experimenters; How to Build Solid State Circuits; Audio Cyclopedia. 73/4:16
Basic Electricity and Beginning Electronics; IC FET Principles and Projects; Handbook of Semiconductor Circuits; Solid State Circuits Guidebook. 74/3:24
Electronic Experimenter's Guidebook; Electronic Servicing for the Beginner; How to Build Simple Electrical Meters and Indicators; ABC's of Electronic Test Equipment; Electronic Measurements Simplified; Intermodulation and Harmonic Distortion Handbook. 75/1:31
Practical Circuit Design for the Experimenter; Basic Electronic Circuits Simplified; Transistor Fundamentals (3 vols); Troubleshooting Solid-State Amplifiers. 75/3:30
Speakers: Tests and Titles (*Letters*). Sanchez. 73/2:38
Electrostatic information (*Letters*). Walls. 73/4:26
Solid State Sourcebook (*Letters*). Mackey. 73/4:28
More on speaker sources (*Letters*). Thomas. 73/4:28
Info on info (*Letters*). Horne. 74/4:27; 74/4:41
Guest review: *How to Build and Use Electronic Devices*. Parsons. 74/3:26; 75/1:42
More mail matters (*Letters*). Goldfield. 75/1:40
More brain food (*Letters*). Autrey-Hanley. 75/1:44
Guest review: *Modern Recording Techniques*. Gabrielson. 75/3:32
Book talk. *Microminiature Electronics; Linear ICs; IC Op Amp Cookbook; Active Filter Cookbook*. Miller. 76/1:38
Guest review: *Active Filter Cookbook*. Jung. 76/3:38
Nostalgia: How to buy a gramophone (excerpt from *Gramophones and Phonographs...*) Clements-Henry. 77/1:40
Book talk. Circuit compendia; *Electronic Projects for Musicians; Fixi Atlas and Station Directory*. Miller. 77/2:64
Speaker seeker (*Letters*). Bostick. 77/2:69; (Speakerlab's book on building back loaded horns.)
Review: *Microphones: Design and Application*. Honeycutt. 77/3:44
Review: *Fundamentals of Musical Acoustics*. Parsons. 77/3:44
Practical Guide for Concert Sound; To-be or Not To-be; The Recording Studio Handbook; Introducing Amateur Electronics; Understanding Electronic Components; Understanding Electronic Circuits; Handbook for Electronics Engineering Technicians; Cassette Tape Recorders; How to Make Electronic Tests Without Specialized Equipment; Test Instruments for Electronics; Build-It Book of Miniature Test and Measurement Instruments; Build Your Own High-Quality, Low-Cost Test Equipment; Hand Tools for the Electronics Workshop. 78/1:54
Newnes Constructor's Guides: Newnes Radio & Electronics Engineer's Pocket Book; High Fidelity Designs; Audio Technician's Bench Manual. Miller. 79/3:44
CABINETS
Cabinetry a la mini-box (*Audio Aid*). 73/1:20
CABLE TELEVISION
See Television
CABLES
A cable identifier (*Audio Aid*). Miller. 76/3:32
Coax soldering trick (*Audio Aid*). Winn. 79/1:38
Triple tips (*Audio Aid*). Philpot. 79/2:38
CAPACITANCE
Capacitance caveat (*Letters*). Wade. 72/2:30
CAPACITORS
Capacitor fidelity (*Audio Aid*). Marsh. 77/4:46
Capacitor caveats (*Letters*). Marsh. 78/2:50
A versatile capacitor tester. Schroeder. 78/4:16; 79/2:48
Tantalum capacitors; yes or no? (*Letters*). Marsh. 79/2:54
Pass on capacitors (*Letters*). Pass. 79/2:55

Subject continued on page 2

SUBJECT

CARTRIDGES
Audio fundamentals: The matching myth, Part II. Williamson. 73/1:22
Stylus saver (*Audio Aid*). Ferrand. 74/1:22
SME shell surgery. Gloeckler. 74/4:12
SME cartridge screws (*Letters*). Nail. 75/1:45
Cartridge environment (*Audio Aid*). Alliger. 73/4:18
Philips phoulup (*Audio Aid*). Dexheimer. 75/1:29
Static sluice (*Audio Aid*). Ruether. 76/2:26
Modified Monks shell (*Audio Aid*). Merrick. 77/4:47
Component interfaces: phono cartridge/preamps. Webb. 78/1:40
Component interfaces: cartridges/arms/turntables. Webb. 78/2:28
Dual heads and nylon screws (*Letters*). Hardwick. 78/3:55

CASSETTES
Cassette conservation (*Audio Aid*). Gibbons. 76/1:20
Cleaner cassette cure (*Audio Aid*). Stark. 76/3:32

CB RADIO
Editorial. 77/2:3
Further CB facts (*Letters*). Hannold. 77/3:56

CIRCUIT BOARDS
Etched circuit boards (*T&T item*). Dell. 72/1:26
Sterling circuitry (*Audio Aid*). Hazlehurst. 73/3:22
Improve your circuit boards (*Audio Aid*). Parsons. 73/4:18
Formulas filters and fixers (*Letters*). Cochran. 74/1:34
Quick etched circuitry (*Audio Aid*). Thoroman. 75/3:28
An inexpensive PC board vise (*Audio Aid*). Stein. 76/3:34
Wire-wrapping (*Audio Aid*). Berglas. 76/4:28
Kit report: Protoboard, model 102. Thoroman. 77/1:30
Stuffing aid (*Audio Aid*). Carlstrom. 78/3:44

CLASSIC CIRCUITRY
Audio Research D-76R amplifier. 76/1:36
Marantz model 5 amplifier. 76/2:38; 76/3:39
Audio Research EC-3 Electronic crossover. 76/3:55
Marantz model 9 power amplifier. 77/1:44
John Curl's JC-2 1973-76. 77/3:48
Audio Research D-76A amplifier. 77/4:50
Marantz power amplifier model 5. 78/1:62
Childs' control preamplifier model 1045A. 78/2:44
Childs' 50 watt Class A amplifier. 78/3:47
Fairchilds' electronic turntable. 78/4:42
Marantz 8B power amplifier. 79/2:20
Dynaco PAS-2 preamplifier. 79/3:56
Audio Research SP-6 preamplifier. 79/4:54

CLIPPING INDICATORS
A bilateral clipping indicator. Russell. 75/3:3
BCI's Leach projects and TIM (*Letters*). Hill. 77/3:58
Bad boards and editor (*Letters*). Ballard/Russell. 78/4:48

CROSSOVERS
Electronic crossovers. Dell and Goldberg. 72/2;10
Correction to article on electronic crossovers in 72/2:10. 73/4:27
Crossover cues (*Audio Aid*). Royer. 75/1:30
Classic circuitry. Heathkit electronic crossover, model XO-1. 75/3:40
Measuring crossover distortion (*Audio Aid*). Gloeckler. 75/4:34
Classic circuitry. Marantz electronic crossover. 75/4:38
Marantz crossover tubes (amendment to circuit in 75/4:38). 77/1:47
Super crossover (*Audio Aid*). Lovett. 77/2:42
Crossover coil values (*Audio Aid*). Tooley. 78/3:44
Marantz mystery (*Letters*). 78/4:52
A vacuum tube, variable frequency electronic crossover system. Walkiron. 79/3:6; 79/4:55

DECODERS
The 4 × 2 quadpod. Dell and Goldberg. 71/1:3
The quadpod C. Dell and Goldberg. 71/4:7

DELAY LINES, DIGITAL
Digital delay lines (*Letters*). Greisel. 74/1:33

DELAY LINES, TECHNICAL
A stereo delay line. Preis. 75/4:10

DIGITAL CIRCUITRY
Digital difficulties (*Letters*). Lathrop. 78/4:47

DISTORTION MEASURING
Modify your Heath tube-type IM distortion analyzer. Gloeckler. 76/4:9; 77/4:51
Slewing induced distortion in audio amplifiers. Jung. 77/1:4; 77/2:22, 37; 77/3:21; 77/4:22.
Transient response: a do-it-yourself clinic. Eisenson. 77/2:12
Kit report: Heath IM-5248 distortion analyzer. Gloeckler. 77/4:38
Letters on Jung's "Slewing Induced Distortion" series: Davis, Relich, Lipshitz, Lampton. 78/1:63
Audio performance tests for IC op amps. Jung. 78/2:32
Kit report: Heath's IM-5258 THD meter. Gloeckler. 78/2:45

DIODES
Glass diode trick (*Audio Aid*). Dell. 73/1:16

DOLBY UNITS
How to multi-Dolby (*Audio Aid*). Furbush. 73/2:20
A modified Dolby B. Gloeckler. 73/4:5
Dolby on Gloeckler (*Letters*). Robinson. 74/2:27
Dolby do-it-yourself (*Letters*). Williams. 74/4:39
Dolby dangers (*Letters*). Gloeckler. 74/4:40
Dolbyized adventures (*Letters*). Pryce. 78/2:52

DRILLS
How to drill round holes without really trying (*Audio Aid*). Gloeckler. 74/2:16
Better twist for sheet (*Letters*). Moffet. 75/2:26

DRIVERS
An amateur's version of the Heil air motion transformer. Davis. 77/2:15

DYNACO EQUIPMENT
Improve your Dyna PAT-4. The Editor. 70/1:14
PAT-4 reversible. Barletta. 70/1:16
Queries and record cleaning (*Letters*). Notkins. 70/3:4
Statement on power ratings for audio amplifiers by the Dynaco Corp. (*Letters*). 70/4:6
Try the hybrid Dyna (*T&T item*). Coggins. 71/1:18
Another PAT-4 improvement (*T&T item*). Gilmore. 71/2:18
On PAT-4 revisited (*T&T item*). Dell. 71/3:18
Cutting up the PAS-3 (*Letters*). Monroe. 71/3:21
More on the PAT-4 (*T&T item*).. Novack. 72/2:20
PAT-4 blender (*T&T item*). Marovich. 72/2:20
PAT-4 at 3.75 ips (*Letters*). Carlstrom. 72/2:30
Escaping the PAT-4 (*Audio Aid*). Taylor. 73/1:6
PAT-4 error (*Letters*). Wiles. 73/1:28
PAT-4 capacitors (*Audio Aid*). Landers. 73/4:18
Carbon filmed PAS (*Letters*). Chase. 73/4:29
A perfectionist's PAS preamp. Vorhis. 74/1:4; 74/4:27
"Escaping the PAT-4" revisited (*Audio Aid*). Carlstrom. 74/3:18
More PAT-4 notes (*Letters*). Street. 75/2:38
The Super Brute. Landers. 73/3:11; 74/3:36
Remodifying Dyna's PAS preamp. Vorhis. 76/2:21
Ventilating Stereo 70: a simple modification. Eisenson. 76/4:13; 77/1:47
PAT-4 galore (*Letters*). Marovich. 76/4:52
On Dyna and AR mods (*Letters*). Hitchens. 76/4:55
Updating early Dynaco ST-120 (*Audio Aid*). Bostic. 77/1:34
Sagged selenium (*Letters*). Johnson. 77/1:49
Mods for Dyna's SCA-80 (*Letters*). Bartholomew. 77/1:52
Kit report: Dyna 400. Jung. 77/2:48; 77/4:51
Super power amplifiers: an aural comparison. Jung. 77/2:62
PAT-4 gain? (*Letters*). Carlstrom. 77/2:69
Metering Mark III's (*Audio Aid*). Boylan. 77/3:40
Audio Research remakes Dynaco's Stereo 70. Dell. 77/4:4
SCA-80 and PAT-5 problems (*Letters*). Carlstrom. 77/4:56
A PAT-5 modification. Jung & White. 78/1:7
Improving the Dyna Mark III power supply. Boak. 78/1:32
SP-3A mods (*Letters*). Towbin. 78/1:69
SP-3A and PAS (*Letters*). Dudley. 78/1:70
PAT-5 power (*Letters*). Jakowczyk/Jung. 78/2:49
PAT-5 inversion and equalization (*Letters*). Lipshitz/Jung. 78/3:48
More PAT-5 errors (*Letters*). 78/3:53
Biasing and Mark IIIs (*Letters*). Boylan/Boak. 78/3:55
Kit report: SE-10 octave equalizer. Vorhis. 78/4:32
Mark III biasing (*Letters*). Sachs. 78/4:47
Mark III supply (*Letters*). Greenia/Boak. 78/4:52
Mark III capacitors (*Letters*). Hoppe/Boak. 78/4:54
White to Lipshitz (*Letters*). White. 78/4:55
Mark III microFarads multiplied (*Audio Aid*). Squires. 79/1:34
More caps for PAS (*Audio Aid*). Caldwell. 79/1:36
PAT-5/WJ-1 modifications and improvements (*Letters*). Jung. 79/1:49
PAT-5 redo (*Letters*). Mogavero/Jung. 79/1:51
Stereo 70 mod (*Letters*). Fisher. 79/1:55
Boak's regulated queried (*Letters*). Hodge/Boak. 79/1:55
The PAT-5/WJ-1A: A PAT-5/WJ-1 update. Jung & White. 79/3:24
Classic circuitry: the venerable Dynaco PAS-2. 79/3:56
Adding capacitors to Mk. III (*Letters*). Smith/Boak. 79/3:62

EARS (*see also* **SPEAKERS**)
In defense of the ear. Upton. 75/3:36

ELECTROSTATIC LOUDSPEAKERS
See Speakers

ENCODERS
The quadpod B. Dell & Goldberg. 71/2:8; 4:13
A four channel microphone preamp/encoder. Dell & Goldberg. 71/3:8

EQUALIZATION
Audio fundamentals: about equalization. Williamson. 73/3:18
Measuring the room (*Letters*). Marsh. 74/1:32
Equalization elucidated, etc (*Letters*). Harris. 74/3:33
Horns, mikes and measures (*Letters*). Bass. 74/3:34
Equalization enlightenment (*Letters*). Snyder. 78/3:56
Kit report: Dynaco's SE-10 octave equalizer. Vorhis. 78/4:32
De-pop your Soundcraftsman 20-12 (*Audio Aid*). Thompson. 79/1:37

EQUALIZERS
The Audio Amateur's octalizer. Williamson. 72/1:3; 2:28
Compute analyzes octalizer (*Letters*). Parsons. 72/3:35
A variable frequency equalizer. The staff. 75/2:3; 75/4:40
Octalizer error (*Letters*). Moss. 75/4:40
Soundcraftsman/Dyna wed (*Audio Aid*). Sanders. 76/2:28

FEEDBACK
Motional feedback followup (*Letters*). Gudmundson. 75/2:39

FILTERS
A dynamic hiss filter. Hazlehurst. 73/2:3
A scratch filter (*Just Looking Item*). 74/4:44
A test bench filter set. Gloeckler. 75/1:16
Op amps for audio: active filters. Jung. 75/1:22; 75/2:28; 75/3:42
A l.f. garbage filter. Jung. 75/4:14
Op amps for audio: Active filters, part 3. Jung. 76/2:32; 76/3:39
A white noise generator and pink filter. Petzold. 76/3:3
Book review: *Active Filter Cookbook*. Jung. 76/3:38
Editorial (on CB radio). 77/2:3
Why more filtering means less distortion (*Audio Aid*). Klett. 77/3:40
Further CB facts (*Letters*). Hannold. 77/3:56
Filtering unwanted RF out of audio equipment (*Audio Aid*). Trumbull. 78/1:48

FOUR CHANNEL RECORDING
SEE ALSO QUADPOD
Conversation with Henry Kloss. 71/3:3
Ultra simple encoding (*Techniques Columns*). Jobson. 71/3:17
PAS-3 to PAT-4 for four (*T&T item*). Demond. 71/4:18

FUSES
Fuses: low or hifi? (*T&T item*). Taylor. 72/4:17
Further fuse facts (*Letters*). Little, Sundquist, Hill. 73/4:27
Of humidity, fuses (*Letters*). Carlstrom. 74/4:38

GENERATORS
The greening of the IG-18. Williamson. 71/1:7; 4:13
Sweeping with the IG-18? (*Letters*). Bergren. 71/3:22
The IG-18 another shade of green (*T&T item*). Hazlehurst. 72/4:17
Variations on Williamson (*Letters*). Nairn. 73/1:28
IG-18 revisited (*Audio Aid*). Hazlehurst. 73/2:24
IG-18 variations (*Letters*). Hadaway. 73/3:28
Morrey's super oscillator. Morrey. 75/4:3
Correction (to Morrey's super oscillator, 75/4:3). 76/1:40
SWTP's FG-2 function generator (*Audio Aid*). Lamkins. 76/2:30
A white noise generator and pink filter. Petzold. 76/3:3
Cleaner greener (*Letters*). Carlstrom. 77/1:49
Quick pink (*Letters*). 77/1:52
IG-18 error (*Audio Aid*). Carlstrom & Muller. 78/2:37
Kit report: West Side Electronics' pink noise generator. Gloeckler. 78/4:34
The warbler. Crawford. 79/1:22
Test report: Heath's IG-1275 lin/log sweep generator. Jung. 79/2:42

GROUNDING
Grounding in audio equipment. Taylor. 74/3:15
Philips phoulup (*Audio Aid*). Dexheimer. 75/1:29

HEADPHONES
Kit report: The SWTP headphone amplifier. Hill. 74/4:30
The headphone contraption (*Audio Aid*). Gunderson. 75/3:26
Showcase: Roger Sanders cans a Williamson for cans. Sanders. 75/3:34
Driving electrostatic 'phones (*Letters*). Jay. 76/4:52

HEAT
A thermal primer. Boak. 78/4:13

HEATHKIT
Heath: King kitmaker. The Editor. 70/2:9
The greening of the IG-18. Williamson. 71/7:7; 4:13
Kit report: Heathkit IM-16 UM. 71/3:12
Sweeping with the IG-18? (*Letters*). Bergren. 71/3:22
Improve your Heath AR-15 or AR-1500. Krueger. 72/3:9
The IG-18: another shade of green. (*T&T item*). Hazlehurst. 72/4:17
Variations on Williamson. (*Letters*). Nairn. 73/1:28
More speakers for AR-1500 (*Audio Aid*). Levin. 73/2:22
IG-18 revisited (*Audio Aid*). Hazlehurst. 73/2:24
IG-18 variations (*Letters*). Hadaway. 73/3:28
Screwing up Heathkit's IM-38 (*Audio Aid*). Anderton. 75/2:26
Classic circuitry: Heathkit's electronic crossover, model XO-1. 75/3:40
Morrey's super oscillator. Morrey. 75/4:3
Correction (to Morrey's super oscillator, 75/4:3). 76/1:40
Kit report: Heath's AA-1640. Jung. 76/2:10

Modify your Heath tube-type IM distortion analyzer. Gloeckler. 76/4:9; 77/4:51

Improving Heath's tube color TVs (*Audio Aid*). Carlstrom. 76/4:30

Kit report: Heath's IO-4550 oscilloscope. Gloeckler. 76/4:38; 77/2:46

Happier Heaths (*Letters*). Randall. 76/4:54

Kit report: Heathkit Electronic Fundamentals Study Courses. Miller. 77/1:26

Cleaner greener (*Letters*). Carlstrom. 77/1:49

Super power amplifiers: an aural comparison. Jung. 77/2:62

Kit report: Heath IM-5248 IM distortion analyzer. Gloeckler. 77/4:38

Kit report: Heath IG-1272. Morrey. 78/1:50; 79/2:51

IG-18 error (*Audio Aid*). Carlstrom & Muller. 78/2:37

Kit report: the IM-5258. Gloeckler. 78/2:45

Test report: the ID-5252 audio load. Gloeckler. 79/2:40

Test report: the IG-1275 lin/log sweep generator. Jung. 79/2:42

HORNS *see* Speakers

HOSPITALS

Hospital radio: audio for the ailing. Williamson. 78/1:23

IMPEDANCE

Impedance (*Audio Fundamentals Column*). Williamson. 72/3:27

INTEGRATED CIRCUITS (ICs)—see Op Amps

KIT REPORTS

See also under name of piece of equipment desired: Also Heathkit.

Phase Corporation ASG-200. Audio Sweep.

Heathkit IM-16UM. 71/3:12

Pro kit SM-6A Mixer 71/4:14

Electronic Enterprises' electret microphone kit. Honeycutt. 74/3:31

SWTP headphone amplifier. Hill. 74/4:30

The taming of Ampzilla. Jung. 75/2:11

ACE ZD preamp. Thoroman. 76/1:26

Heath's AA-1640 amplifier. Jung. 76/2:10

Aries 300 synthesizer. Thoroman & Taylor. 76/3:26; 77/2:46

Heath's IO-4550 oscilloscope. Gloeckler. 76/4:38

Heathkit's Electronics Fundamentals Course. Miller. 77/1:26

Proto board model 102. Thoroman. 77/1:30

Dynaco's ST-400 and the "Double 400." Jung. 77/2:48; 77/4:51

Heath's IM 5248 intermodulation distortion analyzer. Gloeckler. 77/4:38

Heath's IG-1272. Morrey. 78/1:50; 79/2:51

Heath's IM-5258. Gloeckler. 78/2:45

Hafler's DH-101 preamp. Jung & Vorhis. 78/3:33

Dynaco's SE-10 octave equalizer. Vorhis. 78/4:32

West Side Electronics' pink noise generator. Gloeckler. 78/4:34

Heathkit's "Continuing Education Course: EE-3104: Electronic Circuits." Miller. 79/1:44

The Integrex Dolby noise reducer. Gloeckler. 79/4:44

LOAD

Not so dummy load. Dell. 72/2:18

LOUDNESS CONTROLS

An ethical loudness control (*T&T item*). Miner. 72/3:26

LOUDSPEAKERS—See Speakers

MAGIC

Grooved shazaams (*Letters*). Snader. 73/2;35

MATCHING

The matching myth (*Audio Fundamentals Column*) Williamson. 72/4;20

Audio fundamentals: the matching myth, Part II. Williamson. 73/1:22

METAL WORKING

Sheet metal material (*T&T item*). Douglas. 70/4:20

METERS

A peak-reading level meter. Parsons. 73/1:7

Electrostatic speaker mods. (*Letters*). Moritko. 74/4:38

Screwing up Heathkit's IM-38 (*Audio Aid*). Anderton. 75/2:26

Sound level meter (*Audio Aid*). Boyd. 75/3:28

Product report: the Toyo peak level meter. Preis. 76/1:31

Metering Mark III's (*Audio Aid*). Boylan. 77/3:40

Kudos: for *TAA* and others (*Letters*).. On an audio power meter. Ballard. 78/2:52

Mark III biasing (*Letters*). Sachs. 78/4:47

A power meter. MacArthur. 79/4:23

A 3dB ladder (*Audio Aid*). Brush. 79/4:40

MICROPHONES

Tapeniques. Jobson. 70/3:13

A simple shock mount for your microphone. Sanders. 72/1:12

Non-transmitting cable. (*T&T item*). Gloeckler. 72/2:18

The listening machines Part I. Honeycutt. 72/4:3

The listening machines, Part II. Honeycutt. 73/1:12

Microphones revisited (*Letters*). Carrell. 73/3:26

More bows for ribbons (*Letters*). Giddings. 74/1:34

Kit report: Electronic Enterprises' electret microphone kit. Honeycutt. 74/3:31

Horns, mikes and measures (*Letters*). Bass. 74/3:34

Microphones: Honeycutt replies (*Letters*). 74/3:35

A tall, portable microphone stand. Douglas. 76/4:26

Book review: *Microphones: Design and application.* Honeycutt. 77/3:44

A coincident microphone technique. Preston. 78/4:24

The Advent MPR-1 microphone preamplifier. Gloeckler. 79/2:5

The grounded ear. Sutheim. 79/4:53

MIXERS

Design decisions toward building your own mixer Part I. Levesley. 70/4:3

The simple 4 + 4 mixer. Williamson and Watling. 71/2:3

Kit report: prokit SM-6A mixer. 71/4:14

An IC/preamp console. Kunc. 74/2:4; 74/3:9; 74/4:22

Audio Mixers. Gately. 76/1:4; 76/2:18: 76/3:39; 76/3:13

Prokit refit (*Audio Aid*). Harris. 76/1:22

The Gately micromixer. Gately. 77/3:30; 77/4:30

Kunc updates (*Letters*). Kunc. 77/3:52

MONITORS

Tape monitor facilities (*T&T item*). Gloeckler. 71/2:16

MULTIPATH

Multipath distortion. Berglas. 73/4:24

Multipath revisited. Gloeckler. 75/1:36

MY MOST VALUABLE RECORDING

Record your own bomb scare. Whitehouse. 70/1:21

How to put a god on tape. Johnson. 70/4:17

What makes a recording valuable. Rawlings. 71/1:17

Missing: 15 seconds of a world premiere. Trump. 71/2:7

Two tracking trains. Hoaglan. 71/3:13

What makes a recording valuable. Jackson. 72/1:32

Brahms vindicated. Landers. 72/3:36

NEON LIGHTS

Nervous neon (*Audio Aid*). Day. 73/2:30

Non-linear neons (*Letters*). Canfield. 74/4:38

Newer neon insight (*Letters*). Day. 75/3:41

NOISE

Ear demolition. Lipscomb. 72/1:36

NOISE REDUCTION

Quiet ploys (*Audio Aid*). Wiles. 78/2:36

Noise control in IC op amps for audio. Jung. 78/3:27

Noise in ICs (*Letters*). Strayer/Jung. 79/1:53

The suppression of surface noise. Williamson. 79/2:22

Noise reduction systems and one for amateurs. Williamson. 79/3:12

Kit report: the Integrex Dolby noi reducer. Gloeckler. 79/4:44

NOISE SHIFTING

Thump elimination (*T&T item*). Douglas. 71/3:20

OCTALIZER

The Audio Amateur octalizer. Williamson. 72/1:3; 2:28

Computer analyzes octalizer (*Letters*). Parsons. 72/3:35

Octalizer error (*Letters*). Moss. 75/4:40

OP AMPS

IC op amps for audio. Jung. Maximum use with minimum investment. 73/2:28.

Back to the basics: I. Specifications. 74/1:23; 75/1:43: II. Basics and specifications concluded, plus a handy, simple IC checker you can build. 74/2:18; 74/4:39; 74/3:37: III. IC regulated power. 74/4:14; 75/2:38

Active filters: 75/1:22; 75/2:28; 75/3:42

Souped up amp output (*Audio Aid*). Anderton. 74/1:22

A l. f. garbage filter. Jung. 75/4:14

Transformerless balanced output (*Audio Aid*). Mears. 75/4:36

Book talk (ICs galore). Miller. 76/1:38

Op amps for audio: active filters, part 3. Jung. 76/2:32; 76/3:39

Operation and uses for the 570/571 IC compandor chip. Jung & Todd. 76/4:3

Slewing induced distortion in audio amplifiers. Jung. 77/1:4; 77/2:22, 37; 77/3:21; 77/4:22

Audio performance tests for IC op amps. Jung. 78/2:32

Noise control in IC op amps for audio. Jung. 78/3:27

Noise in ICs (*Letters*). Strayer/Jung. 79/1:53

IC power (*Letters*). Clemens. 79/4:55

OPERATIONAL AMPLIFIERS

A super op amp preamp. Meyer. 72/1:16; 2:21

Meet some of the new super op-amps (*Letters*). Jung. 72/2:30

Meyer to Jung on op amp quality. (*Letters*). Meyer. 72/3:32

The op amp marches on (*Letters*). Greisel. 72/3:32

OSCILLATORS

The greening of the IG-18. Williamson. 71/1:7; 72/3:32

Sweeping with the IG-18? (*Letters*). Berggren. 71/3:22

The IG-18 another shade of green. (*T&T item*). Hazlehurst. 72/4:17

Variations on Williamson (*Letters*). Nairn. 73/1:28

IG-18 revisited (*Audio Aid*). Hazlehurst. 73/2:24

IG-18 variations (*Letters*). Hadaway. 73/3:28

Morrey's super oscillator. Morrey. 75/4:3

Correction (to Morrey's super oscillator, 76/4:3). 76/1:40

Cleaner greener (*Letters*). Carlstrom. 77/1:49

Kit report: Heath IG-1272. Morrey. 78/1:50

Oscillator/analyzer comments (*Letters*). Roberson. 79/2:51

OSCILLOSCOPES

Scope scoops (*Audio Aid*). Gloeckler. 76/1:25

Kit report: Heath's IO-4550 oscilloscope. Gloeckler. 76/4:38; 77/4:46

Storage 'scope substitute (*Audio Aid*). Muller. 78/3:46

PANELS

Professional looking panels (*T&T item*). Douglas. 71/1:18

On panels (*T&T item*). Ornsteen. 71/2:16

Anodized panels (*T&T item*). Tannehill. 71/3:20

Panel paucity (*Letters*). Murphy. 73/3:29

Panel procedures (*Audio Aid*). Gilmore. 74/2:16

Electrostatic speaker mods (*Letters*). Moritko. 74/4:38

Panel pointers (*Audio Aid*). Colbert. 75/2:26

Photo front panels (*Audio Aid*). Carlstrom. 76/3:34

Panel pains (*Letters*). Darroch. 77/1:52

Anodizing aids (*Letters*). Murin. 77/2:73

Panels postscript (*Letters*). Lesiecki & Smith. 78/2:52

PANPOTS

An integrated Moore (*Letters*). Brush. 76/1:40

Penurious panning (*Audio Aid*). Bostic. 77/2:42

PATCH PANELS

Patch plug pleasure. Douglas. 70/3:8

Design your own switch & jack panel. Stark. 74/3:4

Patch panel pointers (*Letters*). Miller. 75/1:40

Correction by Bostick. 75/4:40

Ground loop poop (*Letters*). Schaefer. 76/1:43

PEAK DETECTORS

A peak-reading level meter. Parsons. 73/1:7

Product report: the Toyo peak level meter. Preis. 76/1:31

Kudos: for *TAA* and others (*Letters*). on an audio power meter. Ballard. 78/2:52

A power meter. MacArthur. 79/4:23

PHOTOGRAPHY

How to photograph sound. Parker. 73/3:4

Scope scoops (*Audio Aid*) Gloeckler. 76/1:25

PLATFORMS

A seismic platform. Eisenson. 76/1:17

Correction: Netronics/Nortronics. Hosain. 77/4:11

POWER RATINGS

Statement on power ratings for audio amplifiers by Dynaco Corp. 70/4:6

POWER SUPPLIES

Controlling those volts & Amperes. Greene. 71/1:11; 4:13

A power doubler. Hill. 73/4:14

A family of regulated and current limiting power supplies. Goldberg. 74/2:13

Tube power proposal (*Audio Aid*). Buvel. 74/4:26

Power for monsters (*Audio Aid*). Preis. 76/2:26

Transform your monster (*Audio Aid*). Schaffer. 77/1:38

Regulated power supply (*Audio Aid*). Gilmore. 77/1:39

Improving the Dyna Mark III power supply. Boak. 78/1:32

Power parter (*Audio Aid*). Merrick. 78/4:42

Biasing and Mark IIIs (*Letters*). Boylan/Boak. 78/3:55

Mark III supply (*Letters*). Greenia/Boak. 78/4:52

Mark III capacitors (*Letters*). Hoppe/Boak. 78/4:54

Boak's regulator queried (*Letters*). Hodge/Boak. 79/1:55

IC power (*Letters*). Clemens. 79/4:55

Quiet preamp power (*Letters*). Marsh. 79/4:65

PREAMPLIFIERS

Improve your Dyna PAT-4. The Editor. 70/1:14

PAT-4 reversible. Barletta. 70/1:16

Try the hybrid Dyna (*T&T item*). Coggins. 71/1:18

The 20/20 Mark II preamp. Williamson. 71/2:11; 4:13

Another PAT-4 improvement (*T&T item*). Gilmore. 71/2:18

A four channel microphone preamp/encoder. Dell & Goldberg. 71/3:8

On PAT-4 revisited (*T&T item*). Dell. 71/3:18

Cutting up the PAS-3 (*Letters*). Monroe. 71/3:21

Quadpod variations. Sturm. 71/4:9

PAS-3 to PAT-4 for four (*T&T item*). Demond. 71/4:18

A super op amp preamp. Meyer. 72/1:16; 2:21

More on the PAT-4 (*T&T item*). Novack. 72/2:20

PAT-4 blender (*T&T item*). Marovich. 72/2:20

Meet some of the new super op amps (*Letters*). Jung. 72/2:30

PAT-4 at 3.75 ips (*Letters*). Carlstrom. 72/2:30

More inputs for the 20/20 MK II preamp (*T&T item*). Springer. 72/3:22

Meyer to Jung on op amp quality (*Letters*). Meyer. 72/3:32

The op amp marches on (*Letters*). Greisel. 72/3:32

Ecapping the PAT-4 (*Audio Aid*). Taylor. 73/1:16

PAT-4 error (*Letters*). Wiles. 73/1:28

De-noising the 198/A (*Audio Aid*). Bryant. 73/3:22

PAT-4 capacitors (*Audio Aid*). Landers. 73/4:18

Carbon filmed PAS (*Letters*). Chase. 73/4:29

A perfectionist's PAS preamp. Vorhis. 74/1:4; 74/2:27; 74/4:28

An IC preamp/Console. Kunc. 74/2:4; 74/3:9; 74/4:22

"Ecap'ping the PAT-4" revisited. (*Audio Aid*). Carlstrom. 74/3:18

A low level phono or tape preamplifier. Moore. 74/4:4; 75/4:40

Subject continued on page 4

SUBJECT

Classic circuitry: Marantz 70 stereo preamplifier. 74/4:36
More PAT-4 notes (*Letters*). Carlstrom. 74/4:43
Classic circuitry: Audio Research Corp.'s SP-3A-1 preamplifier. 75/1:38
Patch panel pointers (*Letters*). Miller. 75/1:42
Regulating the PAT-4 (*Letters*). Streets. 75/2:38
Kit report: the ACE basic preamp kit. Thoroman. 76/1:26
Moore marvels (*Letters*). Carlstrom. 76/1:40
The balanced hum trick (*Letters*). Greisel. 76/1:40
An integrated Moore (*Letters*). Brush. 76/1:40
Assorted assistance (*Letters*). Kent. 76/1:41
ICs, preamps & hum (*Letters*). Bergstrom. 76/1:42
Remodify Dyna's PAS preamp. Vorhis. 76/2:20
Soundcraftsman/Dyna wed (*Audio Aid*). Sanders. 76/2:28
A crete Meyer classic (*Letters*). Woodward. 76/2:40
More SP-3A-1 craftsmanship (*Letters*). Lawrence. 76/2:40
SP-3A-1 Huzzah (*Letters*). Gloeckler. 76/3:40
SP-3A-1 corrections, lauds. (*Letters*). Thomas. 76/3:42
PAT-4 galore (*Letters*). Marovich. 76/4:52
On Dyna and AR mods (*Letters*). Hitchens. 76/4:55
Sagged selenium (*Letters*). Johnson. 77/1:49
Trevor Lees vs. Vorhis (*Letters*). Kellner. 77/1:50
SP-3 mods (*Letters*). Joy. 77/1:50
Mods for Dyna's SCA-80 (*Letters*). Bartholomew. 77/1:52
Flattened Williamson (*Audio Aid*). Carlstrom. 77/2:46
PAT-4 gain? (*Letters*). Carlstrom. 77/2:69
Why more filtering means less distortion (*Audio Aid*). Klett. 77/3:40
Classic circuitry: John Curl's JC-2 1973-1976. 77/3:48
Kunc updates (*Letters*). Kunc. 77/3:52
PAS outputter (*Letters*). Carlstrom. 77/3:54

The super buff: mating hostile impedances. Morrey. 77/4:18
SCA-80 and PAT-5 problems. (*Letters*). Carlstrom. 77/4:56
A PAT-5 modification. Jung & White. 78/1:7
Component interfaces: phono cartridge/preamps. Webb. 78/1:40
The Curl JC-2 (*Letters*). 78/1:67
SC3A mods (*Letters*). Towbin. 78/1:69
SP3A and PAS (*Letters*). Dudley. 78/1:70
Classic circuitry: the Childs Model 1045A. 78/2:44
JC-2 update *and* JC-2 aids (*Letters*). 78/2:49
PAT-5 power (*Letters*). Jakowczyk/Jung. 78/2:49
Kit report: Hafler's DH-101 preamp. Jung & Vorhis. 78/3:33
PAT-5 inversion and equalization (*Letters*). Lipshitz/Jung. 78/3:48
More PAT-5 errors (*Letters*). 78/3:53
Super Buff correction. 78/3:56
De-veiling the SP3A-1 (*Audio Aid*). Saunders. 78/4:45
Levinson JC-2 light (*Letters*). Mosteller. 78/4:50
White to Lipshitz (*Letters*). White. 78/4:55
The Mark I: a low distortion IC preamplifier/control unit. Lampton & Zukauckas. 79/1:5
More caps for PAS (*Audio Aid*). Caldwell. 79/1:36
Inversion, RIAA and TIM (*Letters*). Curl. 79/1:49
PAT-5/WJ-1 modifications and improvements. (*Letters*). Jung. 79/1:49
PAT-5 redo (*Letters*). Mogavero/Jung. 79/1:51
The Advent MPR-1 microphone preamplifier. Gloeckler. 79/2:5
A comparison of preamplifier construction projects. Rossmassler. 79/2:11
Re-powering SP3A-1 (*Audio Aid*). LeBeck. 79/2:30
Triple tips (*Audio Aid*) Philpot. 79/2:38
Lipshitz to Curl (*Letters*). 79/2:49
PAT-5 listening tests—an alternative view (*Letters*). Lipshitz/Vanderkooy/Young. 79/2:52
A forum on the Lipshitz, Vanderkooy, Young letter. 79/3:5
The PAT-5/WJ-1A: A PAT-5/WJ-1 update. Jung & White. 79/3:24
Painless preamp (*Audio Aid*). Banks. 79/3:40; 79/4:55
Getting the hum out of a 198A (*Audio Aid*). Boutin. 79/3:41
Classic circuitry: the venerable Dynaco PAS-2. 79/3:56
Lampton-Zukauckas follow-up (*Letters*). Lampton. 79/3:57
Test report: listening tests on the Jung-White PAT-5/WJ-1A. Vorhis. 79/4:48
Classic circuitry: Audio Research's SP-6. 79/4:54
PAT-5/WJ-1A notes and updates (*Letters*). 79/4:58

PULSE CODE MODULATION
Audio basics: What is PCM? Williamson. 75/3:22; 75/4:30

QUADPOD
The 4x2 quadpod. Dell and Goldberg. 71/1:3
Simplified quadpod (*Letters*). Neccoehea 71/3:22
The quadpod B. Dell and Goldberg. 71/2:8; 4:13
The four channel microphone/preamp encoder. Dell and Goldberg. 71/3:8
The quadpod C. Dell and Goldberg. 71/4:7
Quadpod variations. Sturm and Berger. 71/4:9

QUADRIPHONICS
Are four channels enough? Bayzer. 76/1:34
Direct drive buzz (*Letters*). Gray. 76/4:50
Four channel forum (*Letters*). Sommerwerck. 76/4:50
Shanefield's sourcing (*Letters*). Shanefield. 76/4:50
Ambience, Blumlein, and the Super Quadpod. Williamson. 77/1:14; 77/2:69
Super Quadpod quirks. (*Letters*). Storkerson. 77/3:55
See also Stereo Delay Lines.
W(h)ither quadriphonics? Pisha. 74/2:7
Panasonic: chips on block (*Letters*). Pisha. 74/4:39

RADIOS
Old radio info (*Letters*). Douglas. 74/4:39
Hospital radio: audio for the ailing. Williamson. 78/1:23
FM: limiters, equalizers (*Letters*). Reihl. 79/2:50

RECEIVERS
Improve your heath AR-15 or AR-1500. Krueger 72/3:9
See also Tuners.
More speakers for AR-1500 (*Audio Aid*). Levin. 73/2:22
Servicing Sansui's 3000A (*Audio Aid*). Hardwick. 76/1:21
Happier Heaths (*Letters*). Randall. 76/4:54
Classic Circuitry: General Electric's multiband receiver. 79/1:48

RECORD CLEANING
Disc pollution how to fight it. Williamson 70/1:12
Queries and record cleaning (*Letters*). Notkins 70/3:4
Direy records revisited (*Letters*). Caracappa 70/3:20
Dusting and water (*T&T item*). Belastock 70/4:20
Just looking thanks (*2 items*). 71/1:23
Clean recordings (*T&T item*). Fonte 71/3:18
Igor: washer for dirty discs. Wiley. 73/2:15
A vacuum system for cleaning recordings. Borden. 76/1:6; 76/3:39
VAcuum variations (*Letters*). Shellenberger. 76/3:41
Component interfaces: stylii/dirt/grooves. Webb. 78/4:28
Decca record care (*Letters*). 79/1:51

RECORDINGS
See tape recordings.
A tall, portable microphone stand. Douglas. 76/4:26
Ambience, Blumlein, and the Super Quadpod. Williamson. 77/1:14; 77/2:69
Recording studios by amateurs. Gabrielsen. 77/1:21
dbX 117/199 mods (*Audio Aid*). Sommerwerck. 78/1:45
Book review: Woram's *The Recording Studio Handbook*. Jung. 78/1:57
A coincident microphone technique. Preston. 78/4:24
Location recording basics. Ruck. 79/4:32

RECORDS CARE OF
See also record cleaning.
Disc pollution how to fight it. Williamson 70/1:12
Play them above the dust. Wilson 70/2:12

RECORDS
Pressing solutions (*Letters*). Huvos. 76/2:39
Mail order malfruition (*Letters*). Pitts. 76/4:56
A storage cabinet for phonograph discs. Dell. 78/2:22
Direct cut myths and problems. Hope. 79/2:16
The suppression of surface noise. Williamson. 79/2:22
Record reviews. Gloeckler and Williamson. 79/3:49

REPRODUCTION
Super stereo: wave of the future? Parsons 78/2:18

RESISTORS
The match game (*Audio Aid*). Gloeckler. 76/4:28

SHOWCASE
Superior audio craftsmanship. Watling 72/1:33
Russell D. Williams. 78/4:46
Gunter Roehricht. 79/1:2
Joseph Moritko, Jr. 79/2:2
Robert L. Doughty. 79/3:2
Randy Vikan. 79/4:2

SIGNAL PROCESSORS
Pandora's box: a hi-fit test bed. Watling. 78/1:4; 79/2:54
dbX 117/199 mods (*Audio Aid*). Sommerwerck. 78/1:45
A turn-on/turn-off/warmup transient eliminator (*Audio Aid*). Borden. 78/1:45
Noise reduction systems and one for amateurs. Williamson. 79/3:12
Kit report: the grounded ear. Sutheim. 79/4:52
The Integrex Dolby noise reducer. Gloeckler. 79/4:44

SOLDERING
Half power soldering idler (*T&T item*). Dell 72/1:27
Coax soldering trick (*Audio Aid*). Winn. 79/1:38
Soldering: the basics. Colen. 79/2:24

SOLID STATE ELECTRONICS
Solid state sourcebook (*Letters*). Mackey 73/4:28; Galli. 74/4:38

SPEAKERS
L-C/H-Q Mark I Baxandall, pt. 1; Construction and Assembly 70/2:3; pt. 2; Woofers, Design Tests 70/3:14
Janszen electrostatic speakers (*T&T item*). Greene 70/4:20
Sleeping bag stereo (*T&T item*). Greisel 71/1:18
An elecdtrostatic speaker system. Hermeyer, pt. 1; 72/3:11; pt. 2; The amplifier 72/4:9
Three channel bridge (*T&T item*). Wade 72/3:24
Reduce speaker distortion by tuning a pipe pass 72/4:6
A. Huzzahs for Hermeyer (*Letters*). Civitello. 73/3:27; electrostatic speaker mods (*Letters*). Moritko. 74/4:38; electrostatic tips (*Letters*). Walls. 74/4:39; electrostatics extended (*Letters*). Shults. 75/1:44; the Sanders electrostatic speaker. Sanders. 75/4:18
B. Transmission line speaker. Jastak. 73/1:3; a jolly transmission line giant. Jastak. 73/4:10; transmission terminology (*Letters*). Durre. 74/1:32
C. Back to the wall. Watling. 74/1:16; the compact tower. Neal. 75/3:12
D. A high efficiency mid and high range horn. Nicholson 74/1:11; horns, mikes and measures (*Letters*). Bass. 74/3:34
E. Ducts: longer and larger (*Letters*). Moore. 73/1:29; more speakers for AR-1500 (*Audio Aid*). Levin. 73/2:22; speaker tuning: how to test. Pass. 73/2:38; further fuse facts (*Letters*). Little, Sundquist, Hill. 73/4:27; more on speaker sources. Thomas. 73/4:28; of humidity, fuses (*Letters*). Carlstrom. 74/4:38; speaker evaluation: ear or machine? Russell. 75/1:11; 74:2:20; crossover cues (*Audio Aid*). Royer. 75/1:30; faith, fidelity & the whatsis. Gray. 75/1:34; motional feedback followup (*Letters*). Gudmundson. 75/2:39; in defense of the ear. Upton. 75/3:36
Motional feedback (*Letters*). Mabbutt. 76/2:39
Untangling Webb? (*Letters*). Caldwell. 76/2:42
Design and build a high efficiency speaker system. Bowyer, Bowyer & Lampton. 76/3:17
Electrostatic (*Letters*). 76/3:40 Walls.
Horn cornucopia (*Letters*). Hallett. 76/4:63
The folded-and-stapled bass horn. Davis. 77/1:10
Experiments with the not-quite-passive radiator. Eisenson. 77/1:18
Voice coil inductance (*Audio Aid*). Carlstrom. 77/1:34
More on M.F. (*Letters*). Montalvo. 77/1:52
A high efficiency electrostatic loudpeaker system. Hermeyer. 77/2:4; 77:3:8
An amateur's version of the Heil air motion transformer. Davis. 77/2:15
Speaker seeker (*Letters*). Bostick. 77/2:69
Reactions: Jung & Davis (*Letters*). Kuntz. 77/2:72
The speaker saver: thumpless solid state audio. Jung. 77/3:4
Passive radiator forum (*Letters*). Lister. 77:3:49
Correction (to Webb's Transmission line speaker—75/1:3; 77/3:49
Coaxials and efficiency (*Letters*). Laminack. 77/3:57
Tower testimonial (*Letters*). Armistead. 77/3:58
Webb speaker notes (*Letters*). Nelson. 77/4:52
The big bass box. Ruether. 78/2:4
Saving overkill? (*Letters*). Miller/Jung. 78/2:51
The little big horn. Lister. 78/3:12
Gluing electrostatics (*Audio Aid*). Smith. 78/3:44
Transmission line troubles (*Letters*). Smith/Webb. 78/3:57
Transmission line tips (*Audio Aid*). Merrick. 78/4:44
Hail Heil! (*Letters*). Hamill. 78/4:50
Bass and transients (*Letters*). Didden. 78/4:51
The NQPR revisited. Ross. 78/1:28
How to evaluate speakers. Gloeckler. 79/1:46
Reshaping dented tweeters (*Audio Aid*). Branam. 79/3:41
The grounded ear. Sutheim. 79/3:54
Webb update (*Letters*). 79/3:57
Davis updates Heil (*Audio Aid*) 79/4:40
Electrostatic cues (*Letters*). White. 79/4:63
ESL-construction points (*Letters*). Collins/Hermeyer. 79/4:63

SWEEP GENERATORS
Kit report: phase corporation ASG-200 Audio sweep and function generator. 72/1:24

SWITCHING
See also Noise, switching
The second tape recorder (*T&T item*). Greene 72/1:27
More inputs for the 20/20 MK II Preamp (*T&T item*). Springer 72/3:22
Design your own switch-&-jack panel. Stark. 74/3:4.
Patch panel pointers (*Letters*). Miller 75/1:40; corection (by Bostic). 75/4:40
Two out of one. West. 75/3:18
Switching equalizers, tape (*Audio Aid*). Didden 75/3:26
Ground loop poop (*Letters*). Schaefer. 76/1:43
Two for two (*Audio Aid*). Carlstrom. 77/4:44

SWITCHES
Switch specials (*Letters*). Cochran. 78/2:56.
An audio activated power switch. Didden. 78/3:16

SYNTHESIZERS
Kit report: Aries system 300 electronic music synthesizer. Thoroman & Taylor. 76/3:26

TAPE, MAGNETIC
A bulk tape eraser, the editor, 70/2:16; 3:10
A low noise tape playback amplifier Williamson 70/3:5; 4:14

TAPE CARTRIDGES
Correcting cartridge calamities (*Audio Aid*). Gibbons. 75/1:30
TAPE DECKS
RP-100 Improvement (*T&T item*). Sofranko 71/2:16
Belts for RP-100 (*Letters*). Carlstrom 71/4:22
Building a 10½" Reel tape deck. Sanders 72/2:3
Sleuthing a tape deck mis-design (*Audio Aid*). Hazlehurst. 73/1:16
How to multi-Dolby (*Audio Aid*). Furbush. 73/2:20
Tape switcher (*Letters*). Meals. 73/2:34
A modified Dolby B. Gloeckler. 73/4:5
Rabco and Tandberg tips (*Audio Aid*). Relich. 73/4:18
Tames two TEAC troubles (*Audio Aid*). Resler. 74/2:16
Dolby on Gloeckler (*Letters*). Robinson. 74/2:27
Tube type tips (Letters). Colbert. 74/3:35
Dolby dangers (Letters). Gloeckler. 74/4:40
Double dub and fader (*Audio Aid*). Hayward. 75/1:28
Decontrol for Sony decoder (*Audio Aid*). Sommerwerck. 75/3:26
See also Cassettes.
Saving head tread (*Audio Aid*). Hermeyer. 76/1:22
Assorted assistance (*Letters*). Kent. 76/1:41
A to Z tape recorder set-up. Stark. 76/3:6; 76/4:16
More thoughts on tape recorder set-up. Roberston. 77/1:53
(*Letters*) by Bell, Bernstein, Walker, Carlstrom. 77/2:69
Two for two (*Audio Aid*). Carlstrom. 77/4:44
Dolby flux levels (*Letters*). Henrichsen/Todd. 77/4:52
Cassette speed sags (*Audio Aid*). Hardwick. 79/1:38
Getting the most out of a Kenwood KX-1030 (*Audio Aid*). Sellman. 79/2:34
TAPE RECORDING
See also My most valuable recording
Tapeniques, Jobson, Microphone technique 70/3:13
A tapespondent's Baedeker 70/4:18
Preflight checkup 71/1:20
Tape editing 71/2:21
Ultra simple encoding 71/3:17
Long evening jobs 71/4:18
Record compensation 72/1:21
Denoising 72/2:21
Taping interconnect aid (*Letters*). Durben 70/3:22
A dubbing deck Amateur 70/4:14
On location tape tips (*T&T item*). Wilkerson 71/4:16
Tape record indicator (*T&T item*). Watson 72/1:26
The second tape recording (*T&T item*). Greene 72/1:27
Going sound fishing. Turner. 73/2:26
Pro Kloss on cassettes (*Letters*). Meals. 73/4:26
Tapeniques: a slide show saga. Jobson. 74/4:34
TELEVISION
Cable television (editorial) 71/3:2
CATV: Who is big brother (*Letters*). Baxter 71/4:21
TV Audio for a price (*Letters*). Baxter 72/2:30
Improving that TV sound (*T&T item*). Hazlehurst 72/3:24
Improving Heath's tube color TVs (*Audio Aid*). Carlstrom. 76/4:30
A quality TV sound extractor. Carlstrom. 78/2:11

TEMPERATURE, EFFECT ON EQUIPMENT OF
Cartridge environment (*Audio Aid*). Alliger. 73/4:18
Of humidity, fuses (*Letters*). Carlstrom. 74/4:38
TEST EQUIPMENT
A peak-reading level meter. Parsons. 73/1:7
How to photograph sound. Parker. 73/3:4
Measuring the room (*Letters*). Marsh. 74/1:32
Electrostatic speaker mods (*Letters*). Moritko. 74/4:38
Speaker evaluation: ear or machine? Russell. 75/1:10; 75/2:20
A test bench filter set. Gloeckler. 75/1:16
XLR checker (*Audio Aid*). Miller. 75/2:26
Screwing up Heathkit's IM-38 (*Audio Aid*). Anderton. 75/2:26
Sound level meters (*Audio Aid*). Boyd. 75/3:28
Scope scoops (*Audio Aid*). Gloeckler. 76/1:25
Product repot: The Two peak level meter. Preis. 76/1:31
A white noise generator and pink filter. Petzold. 76/3:3
Modify your Heath tube-type IM distortion analyzer. Gloeckler. 76/4:9; 77/4:51
The match game (*Audio Aid*). Gloeckler. 76/4:28
Kit report: Heath's IO-4550 oscilloscope. Gloeckler. 76/4:38; 77/2:46
Welcome wobbulators (*Letters*). Hill. 77/4:49
Transient response: a do-it-yourself clinic. Eisenson, 77/2:12
A precision attenuator: 111dB's around the workshop. Gloeckler. 77/4:12
Kit report: Heath IM-5248 IM distortion analyzer. Gloeckler. 77/4:38
Kit report: Heath IG-1272. Morrey. 78/1:50
Book reviews. Miller. 78/1:59
IG-18 error (*Audio Aid*). Carlstrom & Muller. 78/2:37
Kit report: Heath's IM-5258 THD analyzer. Gloeckler. 78/2:45d
Storage 'scope substitute (*Audio Aid*). Muller. 78/3:46
A versatile capacitor tester. Schroeder. 78/4:16; 78/2:48
Kit report: West Side Electronics' pink noise generator. Gloeckler. 78/4:34
Upgrading your voltmeter (*Audio Aid*). Merrick. 78/4:40
The warbler. Crawford. 79/1:22
Test report: Heath Model ID-5252 audio load. Gloeckler. 79/2:40
Test report: Heath's IG-1275 lin/log sweep generator. Jung. 79/2:42
A power meter. MacArthur. 79/4:23
A 3dB ladder (*Audio Aid*). 79/4:40
TESTING TECHNIQUES
(*See also*) Distortion Measurements.
Issues of reliability and validity in subjective audio equipment criticism. Greenhill. 79/1:17
How to evaluate speakers. Gloeckler. 79/1:46
The AB box (*Audio Aid*). Davidson. 79/2:30
PAT-5: listening tests—an alternative view (*Letters*). Lipshitz, Vanderkooy, Young. 79/2:52
A forum on the Lipshitz, Vanderkooy, Young letter. 79/3:5
Holes, hardware and hearing. Rees & Shaffer. 79/3:36
The saga of golden ear versus meter reader. Rees & Shaffer. 79/4:20
Lipshitz/Jung forum (*Letters*). 79/4:56, 59
Greenhill and equipment evaluation (*Letters*). Moir. 79/4:61
TONE ARMS
Arm capacitance (*Letters*). Gillette Barletta 70/4:21
A do-it-yourself tonearm. Sanders. 73/2:11
Rabco and Tandberg tips (*Audio Aid*). Relich. 73/4: 18
AR pivots improved (*Audio Aid*). Miles. 74/3:20
A nearly perfect arm (*Letters*). Hamlin. 74/4:41
Better arm pivots (*Audio Aid*). Bayzer. 75/1:28
See also Cartridges
The praying mantis. Ruether. 76/2:5
Measuring tonearm resonances (*Audio Aid*). Carlstrom. 76/2:30
Modifying the Rabco SL8E. Kilmanas. 76/3:10
On Dyna and AR mods (*Letters*). Hitchens. 76/4:55
Modifying AR's turntable for other tonearms. Moritko. 77/2:10
SL8E passer: high or low? (*Letters*). Sommerwerck. 77/2:73
Everything on overhang (*Audio Aid*). Hosain. 77/3:42
Rabco response (*Letters*). Kilmanas. 78/1:67
Modifying the Formula-4 tonearm. Gloeckler. 78/2:15
Component interfaces: cartridges/arms/turntables. Webb. 78/2:28
Adding Grace to AR (*Audio Aid*). Spalding. 78/2:36
Rabco revitalized (*Audio Aid*). Philpot. 78/2:38
Component interfaces, Part III: setting up universal pickup arms. Webb. 78/3:42
AR turntable tip (*Letters*). Ryan. 74/4:55
Arm error (*Letters*). Childs. 78/4:56
Headshell leveling: SME 3009 III (*Audio Aid*).
TOOLS
Chuck a switch (*T&T item*). Rossmassler 71/1:18
Book review: Kitchen's *Hand Tools for the Electronics Workshop*. Dell. 78/1:61
TRANSIENTS
A turn-on/turn-off/warmup transient eliminator (*Audio Aid*). Borden. 78/1:45
TRANSFORMERS
Subtropical Tigers in heat (*Audio Aid*). Harris. 74/1:20
Transformerless balanced output (*Audio Aid*). Mears. 75/4:36
TRANSISTORS
Methods of protecting output transistors in audio amplifiers. Bailey 70/3:11
Learning to use transistors. Matthews
Black boxes 70/2:18
Electrons and energy bands explored 70/3:17
Starring holes aluminum and arsenic 70/4:16
The PN junction 71/1:16
Semiconductor diodes 71/2:19
Diodes in action 71/3:14
The transistor at last 71/4:19
The common emitter amplifier 72/1:34
Basic amplifier circuit 72/2:24
H-parameters 72/3:30
Designing small signal amplifiers 72/4:24
Bias and stabilization. 73/1:26
Temperature stability. 73/2:32
The common emitter amplifier. 73/3:24
More bias circuits. 73/4:22s
Power gain. 74/1:28
The FET. 74/2:24
Concluding with the MOSFET. 74/3:28
Craftsman's co-op (*Letters*). Lawrence. 77/3:52
TUBES
Tube type tip (*Letters*). 74/3:35
Audio research co. tube comments 75/3:10
Tube maintenance tips (*Letters*). Danner. 77/2:69
A substitute 6550 (*Audio Aid*). Thompson. 78/1:46
Book review: Eisenson's *Tu-be Or Not Tu-be* Vorhis. 78/1:54
KT88 vs. 6550 (*Letters*). McConnell. 78/4:52
6550 tube substitutes (*Letters*). Sachs. 78/4:52
Testing high power output tubes (*Audio Aid*). White. 79/1:42
More KT88 subs (*Audio Aid*). McIntyre. 79/2:37
KST88 vs. 6550 (*Letters*). Muller. 79/2:48
TUNERS
When the station is too close (*Letters*). Hill. 72/3:32
Multipath distortion. Berglas. 73/4:24
Multipath revisited. Gloeckler. 75/1:36
Digital difficulties (*Letters*). Lathrop. 78/4:47
TURNTABLES
Play them above the dust. Wilson. 70/2:12
Rabco runout revision (*T&T item*). Vorhis. 71/4:16
Customizing the rabco st-4 (*T&T item*). Wiley. 72/4 18
See also Tonearms
Correction (to 72/4:18). 74/1:34
Rek-O-Kut (*Letters*). Hansen. 74/4:43
A seismic platform. Eisenson. 76/1:17
AR turntable improvements (*Audio Aid*). Branam. 76/4:29
Direct drive buzz (*Letters*). Gray. 76/4:50
Modifying AR's turntable for other tonearms. Moritko. 77/2:10
Belts and bonds (*Letters*). Killingsworth. 77/2:73
Everything on overhang (*Letters*). Killingsworth. 77/2:73
Adding 78 rpm to Technics turntables (*Audio Aid*). Sellman. 77/4:46
Correction: Netronics/Nortronics. Hosain. 77/4:51
Gray turntables (*Letters*). 77/4:52
Component interfaces: cartridges/arms/turntables. Webb. 78/2:28
Adding Grace to AR (*Audio Aid*). Spalding. 78/2:36
Isolationist stand (*Audio Aid*). Squires. 78/4:40
Flashy feedback foiler (*Audio Aid*). Henneberg. 78/4:45.
AR turntable tip (*Letters*). Ryan. 78/4:55
Add 78rpm to your Philips turntale (*Audio Aid*). Hill. 79/1:36
Triple tips (*Audio Aid*). Philpot. 79/2:38
20-WATT AMPLIFIERS
The twin twenty mark II. Williamson. 70/1:4
VOLTMETERS
Kit report heathkit IM-16 VM 71/3:12
Upgrading your voltmeter (*Audio Aid*). Merrick. 78/4:40
VTVM improvements (*Audio Aid*). Carlstrom & Muller. 78/4:40
WIRING
Wire-wrapping (*Audio Aid*). Berglas. 76/4:28
Lacing cord substitute (*Audio Aid*). Bley. 77/1:34
WOBBULATORS
Welcome wobbulators (*Letters*). Hill. 77/1:49
WORKBENCHES
Benchmarks 70/3:19
ZENERS
Zeners unmystified (*Audio Aid*). Carlstrom. 79/4:43

AUTHORS

ALLIGER, KENNETH C.
Cartridge environment (*Audio Aid*). 73/4:18
AMATEUR.
Price time and value. 70/2:13
Benchmarks. 70/2:20
A dubbing deck. 70/4:14
ANDERTON, CRAIG.
Souped-up amp output (*Audio Aid*). 74/1:22
Screwing up Heathkit's IM-38 (*Audio Aid*). 75/2:26
BAILEY, ARTHUR R.
Methods of protecting output transistors in audio amplifiers. 70/3:11
The Bailey 30-30. 70/4:7
BANKS, WILLIAM P.
Painless preamp (*Audio Aid*). 79/3:40
BARLETTA, JON A.
PAT-4 reversible. 70/1:16
Arm capacitance (*Letters*). 70/4:21
BAYZER, DENNIS
Are four channels enough? 76/1:34
Better arm pivots (*Audio Aid*). 75/1:28
More facts of life on sound source localization. 78/3:22
BAXANDALL, PETER
Conversations with Peter Baxandall: Part I. 79/4:12
L-C/H-Q Mark I Part I construction and assembly. 70/2:3
Part 2 center channel woofer, design, measure. 70/3:14
BAXTER, FRANK C.
CATV: who is big brother? (*Letters*). 71/4:21
TV audio for a price (*Letters*). 72/2:30
BELASTOCK, GERRY
Clean records (*T&T item*). 70/4:20
BERGER, ARNOLD S.
Quadpod variations (with Gerry Sturm). 71/4:9
BERGGREN, LARS
Sweeping with the IG-18 (*Letters*). 71/3:22
BERGLAS, ROBERT E.
Multipath distortion. 73/4:24
Wire-wrapping (*Audio Aid*). 76/4:28
BLEY, DAVID B.
Lacing cord substitute (*Audio Aid*). 77/1:34
BOAK, JAMES E.
Improving the Dyna Mark III power supply. 78/1:32
A thermal primer. 78/4:13
BORDEN, ROBERT C.
A turn-on/turn-off/warmup transient eliminator (*Audio Aid*). 78/1:45
A vacuum system for cleaning recordings. 76/1:6; 76/3:39

Author continued on page 6

AUTHOR

BOSTIC, MICHAEL
Updating early Dynaco ST-120 (*Audio Aid*). 77/1:34
Penurious panning (*Audio Aid*). 77/2:42
BOUTIN, LEONARD A.
Getting the hum out of a 198A (*Audio Aid*). 79/3:41
BOWYER, ROBERT
Design and build a high efficiency speaker system (with Wm. Bowyer & Michael Lampton). 76/3:17
BOWYER, WILLIAM, jt. auth.
Design and build a high efficiency speaker system. 76/3:17
BOYD, MARK A
Sound level meter (*Audio Aid*). 75/3:28
BOYLAN, RICHARD
Metering Mark III's (*Audio Aid*). 77/3:40
BRANAM, D.A.
AR turntable improvements (*Audio Aid*). 76/4:28
Reshaping dented tweeters (*Audio Aid*). 79/3:41
BRECKENRIDGE, FRANKLIN R
The super op amp (Amendments column). 72/2:21
BRINTON, JAMES B
How to found an audio group: Boston's BAS. 75/2:8
BRUSH, RICHARD K.
A 3dB ladder (*Audio Aid*). 79/4:40
BRYANT, STEVEN
De-noising the 198/A (*Audio Aid*). 73/3:22
BUVEL, RAY
Tube power proposal (*Audio Aid*). 74/4:26
CALDWELL, J.D.
More caps for PAS (*Audio Aid*). 79/1:36
CARLSTROM, DAVID
Measuring tone arm resonances (*Audio Aid*). 76/2:30
Photo front panels (*Audio Aid*). 76/3:34
Improving Heath's tube color TV's (*Audio Aid*). 76/4:30
Voice coil inductance (*Audio Aid*). 77/1:34
Flattened Williamson (*Audio Aid*). 77/2:46
Two for two (*Audio Aid*). 77/4:44
"Ecap'ping the PAT-4" revisited (*Audio Aid*). 74/3:18
A quality TV sound extractor. 78/2:11
IG-18 error (with Bernhard Muller). (*Audio Aid*). 78/2:37
Stuffing aid. (*Audio Aid*). 78/3:44
VTVM improvements (with Bernhard Muller). (*Audio Aid*). 78/4:40
Zeners unmystified. (*Audio Aid*). 79/4:43
Belts for RP-100 (*Letters*). 71/4:22
PAT-4 at 3.75 IPS (*Letters*). 72/2:30
CARACAPPA, MICHAEL
Dirty records revisited (*Letters*). 70/3:20
CLARK, BRIAN
Headshell leveling: SME 3009 III (*Audio Aid*). 79/4:41
CLEMENTS, HENRY B.
How to buy a gramophone. 77/1:40
COGGINS, EUGENE L.
Hybrid Dyna (*T&T item*). 71/1:18
COLBERT, T.N.
Panel pointers (*Audio Aid*). 75/2:26
COLEN, MARC
Soldering, the basics. 79/2:24
CRAWFORD, DICK
The warbler. 79/1:22
DAVIDSON, RICH F.
The AB box (*Audio Aid*). 79/2:30
DAVIS, NEIL
The folded-and-stapled bass horn. 77/1:10
An amateur's version of the Heil air motion transformer. 77/2:15
Davis updates Heil (*Audio Aid*). 79/4:40
DAY, MICHAEL E.
Nervous neon (*Audio Aid*). 73/2:20
DELL, EDWARD T. JR.
Improve your Dyna PAT-4. 70/1:14
Glass diode trick (*Audio Aid*). 73/1:16
We visit Audio Research. 75/3:5
Audio Research remakes Dynaco's Stereo 70. 77/4:4
A storage cabinet for phonograph discs. 78/2:22
We visit Peter Walker and Quad. 78/3:4
Book review: Kitchen's *Hand Tools for the Electronics Workshop*. 78/1:61
Heath: King kit maker. 70/2:9
A bulk tape eraser. 70/2:16
The Quadpod (with Joshua I. Goldberg) 71/1:3
The Quadpod B (with Joshua I. Goldberg) 71/2:8
A four channel microphone preamp/encoder (with Joshua I. Goldberg) 71/3:8
On PAT-4 revisited (*T&T item*) 71/3:18
A manifesto for audio amateurs. 71/4:3
The Quadpod C (with Joshua I. Goldberg) 71/4:7
Etched circuit boards (*T&T item*) 72/1:26
Half power soldering idler (*T&T item*) 72/1:27
Electronic crossovers (with Joshua I. Goldberg) 72/2:9
Not so dummy load (*T&T item*) 72/2:18
DEMOND, WILLIAM B.
PAS-3 to PAT-4 for four (*T&T item*) 71/4:18
DEXHEIMER, DOUGLAS R.
Philips phoulup (*Audio Aid*). 75/1:29
DIDDEN, JAN
An audio activated power switch. 78/3:16
DOUGHTY, ROBERT L.
Showcase. 79/3:2
DOUGLAS, ALAN S.
A tall, portable microphone stand. 76/4:26
Patch plug pleasure. 70/3:8
Sheet metal material (*T&T item*) 70/4:20
Professional looking panels (*T&T item*) 71/1:18
Thump elimination (*T&T item*) 71/3:20
DURBEN, ED
Taping interconnect aid (*Letters*). 70/3:22
THE EDITOR—SEE DELL, EDWARD T. JR.
EISENSON, H.L.
A seismic platform. 76/1:17
Dyna's Stereo 70: a simple modification. 76/4:13; 77/1:47
Experiments with the not-quite-passive radiator. 77/1:18
Transient response: a do-it-yourself clinic. 77/2:12
FERRAND, PETER
Stylus saver (*Audio Aid*). 74/1:22
FONTE, TOM
Clean recordings (*T&T item*) 71/3:18
FURBUSH, DENNIS S.
How to multi-Dolby (*Audio Aid*). 73/2:20
GABRIELSEN, BRENT
Recording studios by amateurs. 77/1:21
GATELY, EDWARD J., JR.
Audio mixers: 76/1:4; 76/2:18, 76/3:39; 76/3:13
The Gately micromixer. 77/3:30; 77/4:30
GIBBONS, D.L.
Cassette conservation (*Audio Aid*). 76/1:20
Correcting cartridge calamities (*Audio Aid*). 75/1:30
GILLETTE, GEORGE
Arm capacitance (*Letters*). 70/4:21
GILMORE, FORREST C.
Another PAT-4 improvement (*T&T item*) 71/2:18
Regulated power supply. (*Audio Aid*). 77/1:39
Panel procedures (*Audio Aid*). 74/2:16
GLOECKLER, FRED M., JR.
Tape switching (*T&T item*) 71/2:16
Stepped attenuators. 72/2:14
Non-transmitting cable (*T&T item*) 72/2:18
Scope scoops (*Audio Aid*). 76/1:25
Modify your Heath tube type IM distortion analyzer. 76/4:9; 77/4:51
The match game (*Audio Aid*). 76/4:28
Kit report: Heath's IO-4550 oscilloscope. 76/4:38
Time base calibration (*Audio Aid*). 77/2:46
A precision attenuator: 111dB's around the workshop. 77/4:12
Kit report: Heath IM-5248 distortion analyzer. 77/4:38
A modified Dolby B. 73/4:4
How to drill round holes without really trying. (*Audio Aid*). 74/2:16
SME shell surgery. 74/4:12
A test bench filter set. 75/1:16
Multipath revisited. 75/1:36
Measuring crossover distortion (*Audio Aid*). 75/4:34
Modifying the Formula 4 tonearm. 78/2:15
Kit reports: Heath's IM 5258. 78/2:45
West Side Electronics' pink noise generator. 78/4:34
The Integrex Dolby noise reducer. 79/4:44
TEST REPORTS
How to evaluate speakers. 79/1:46
Heath's ID 5252 audio load. 79/2:40
The Advent MPR-1 microphone preamp. 79/2:5
Recordings review: open reel still lives. 79/3:49
GOLDBERG, JOSHUA
A family of regulated and current limiting power supplies. 74/2:13
The Quadpod (with Edward T. Dell, Jr.). 71/1:3
The Quadpod B (with Edward T. Dell, Jr.) 71/2:8
A four channel microphone preamp/encoder (with Edward T. Dell, Jr.). 71/3:8
The Quadpod C (with Edward T. Dell, Jr.). 71/4:7
Electronic crossovers (with Edward T. Dell, Jr.). 72/2:9
GRAY, WAILES
Faith, fidelity, and the whatsis. 75/1:34
GREENE, PAUL
Janszen maintenance (*T&T item*) 70/4:20
Controlling those volts and amperes. 71/1:11
The second tape recorder (*T&T item*). 72/1:27
GREENHILL, LAURENCE L.
Issues of reliability and validity in subjective audio equipment criticism. 79/1:17
GREISEL, LARRY
Sleeping bag stereo (*T&T item*). 71/1:18
The op amp marches on (*Letters*). 72/3:32
GUNDERSON, STEVE
The headphone contraption (*Audio Aid*). 75/3:26
HARDWICK, MIKE
Cassette speed sags (*Audio Aid*). 79/1:38
Servicing Sansui's 300A (*Audio Aid*). 76/1:20
HARRIS, J FRANK
Pro-kit-re-fit (*Audio Aid*). 76/1:22
Subtropical Tigers in heat (*Audio Aid*). 74/1;20
HAYWARD, TOM
Double dub and fader (*Audio Aid*). 75/1:28
HAZLEHURST, JACK H
Improving that TV sound (*T&T item*) 72/3:24
The IG-18 another shade of green (*T&T item*) 72/4:17
Sleuthing a tape deck mis-design (AA&C item). 73/1:16
A dynamic hiss filter. 73/2:3
IG-18 revisited (*Audio Aid*). 73/2:24
Sterling circuitry (*Audio Aid*). 73/3:22
HENNEBERG, W.D.
Flashy feedback foiler (*Audio Aid*). 78/4:45
HERMAN, JOHN H
Earphone super amp (*Letters*). 72/1:37
HERMEYER, DAVID P
An electrostatic speaker system Part I. 72/3:11
Part 2: the amplifier 72/4:9
Electrostatic amplifier II. 73/3:8
Saving head tread (*Audio Aid*). 76/1:22
A high efficiency electrostatic loudspeaker system. 77/2:4; 77/3:8
HILL, DAMON
Hinge your FM farm. 71/4:12
Kit report: Southwest Technical's headphone amp. 74/4:30
HILL, JOSHUA
Add 78rpm to your Philips turntable (*Audio Aid*). 79/1:36
HILL, JOHN E.
A power doubler. 73/4:14
HITT, JIM
Modified Tiger amps (*T&T item*) with Kurt M. Wiley. 72/2:18
HOAGLAN, E.D.
Two tracking trains. 71/3:13
HONEYCUTT, RICHARD A
The listening machines Part I. 72/4:3
Book review: Burrough's *Microphones: Design and Application*. 77/3:44
The listening machines Part II. 73/1:12
Kit report: Electronic Enterprises' 814K electret microphone. 74/3:31
HOPE, ADRIAN
Direct cut myths and problems. 79/2:16
HOSAIN, SYED ZAEEM
Everything on overhang (*Audio Aid*). 77/3:42
JACKSON, PAUL T
What makes a recording valuable? 72/1:32
JASTAK, J. THEODORE
Transmission line speaker. 73/1:3
A jolly transmission line giant. 73/4:10
JOBSON, JAMES K
TAPENIQUES
Practical tape recording 70/3:13
A tapespondent's baedeker 70/4:18
Preflight checkup 71/1:20
Tape editting 71/2:21
Ultra simple encoding 71/3:17
Long evening jobs 71/4:18
Record compensation 72/1:21
Denoising 72/2:21
Constructing a slide show. 74/4:34
JOHNSON, FRANK E III
Putting a god on tape. 70/4:17
JOHNSON, KERMIT E.
Showcase. 77/1:46
JUNG, WALTER G
Meet some of the new super op amp (*Letters*). 72/2:30
Kit report: Heath's AA-1640 amplifier. 76/2:10
Op amps for audio. Active filters, Part 3. 76/2:32; 76/3:39
Book review: Lancaster's *Active Filter Cookbook*. 76/3:38
Operation and uses for the 570/571 IC compandor chip [with Craig Todd]. 76/4:3
The impossible void. (*Editorial*). 77/1:3
Slewing induced distortion in audio amplifiers. 77/1:4; (parts A & B) 77/2:22, 37; (with Mark L. Stephens and Craig Todd). 77/3:21; 77/4:22
Kit report: Dynaco's ST400 and the "Double 400". 77/2:48; 77/4:51
Super power amplifiers: an aural comparison. 77/2:62
The speaker saver: thumpless solid state audio. 77/3:4
IC op amps for audio. Maximum use with minimum investment. 73/2:28
Back to the basics: specifications. 74/1:23; 75/1:43
Basics and specifications, concluded, plus a handy, simple IC checker you can build. 74/2:18; 74/3:37; 74/4:39
IC regulated power. 74/4:14; 75/2:38
Active filters. 75/1:22; 75/2:28; 75/3:42
Kit report: Taming Ampzilla. 75/2:11
A.L.F. garbage filter. 75/4:14
Modifying the PAT-5 [with David White]. 78/1:7
Book review: Woram's *The Recording Studio Handbook*. 78/1:57
Audio performance tests for IC op amps. 78/2:32
Noise control in IC op amps for audio. 78/3:27
Kit report: the Hafler DH-101 [with David Vorhis]. 78/3:33
Test report: Heath's IG-1275 sweep generator. 79/2:42
The PAT-5/WJ-1A: A PAT-5 WJ-1 update [with Dave White]. 79/3:24
See also letters on Slewing induced distortion. 78/1:63
KILMANAS, RAYMOND
Modifying the RABCO SL8E. 76/3:10
KLETT, RONALD
Why more filtering means less distortion (*Audio Aid*). 77/3:40
KRUEGER, A. R.
Improve your Heath AR-15/AR-1500. 72/3:9
KUNC, RICHARD
An IC preamp/console. 74/2:24; 74/3:9; 74/4:22
Book review: Heil's *Practical Guide for Concert Sound*. 78/1:54
LAMBRECHTS, PIET
The Edwin A + B amplifier. 72/3:3
LAMPTON, MICHAEL
The Mark I: a low distortion IC preamplifier/control unit [with Donald Zukauckas]. 79/1:5
Design and build a high efficiency speaker system. 76/3:17
LANDERS, L.C.
Brahms vindicated. 72/3:36
The super brute. 73/3:11
PAT-4 capacitors (*Audio Aid*). 73/4:18
LATHROP, THOMAS
Ventilating Stereo 70 (*Audio Aid*). 76/3:34
LAWTON, MAXWELL
Williamson revisited (*Letters*). 71/1:21
LEBECK, ROBERT K., JR.
Re-powering SP-3A-1 (*Audio Aid*). 79/2:30

LEVESLEY, PETER
Design decisions toward building your own mixer. Part I. 70/4:3
LEVIN, RALPH
More speakers for AR-1500 (*Audio Aid*). 73/2:22
LEVITT, JOEL H
Kitchen-table surgery (*Audio Aid*). 74/4:26
LIPSCOMB, DAVID M
Ear demolition. 72/1:36
LIPSHITZ, STANLEY P.
See letters on slewing induced distortion: 78/1:65; *also* Subject Index under headings of Preamplifers, Testing Techniques.
LISTER, C.R.B.
The Lister amplifier (*Audio Aid*). 76/1:24
The little big horn 78/3:12
LOVETT, CHRIS
Super crossover (*Audio Aid*). 77/2:42
MACARTHUR, DUNCAN W.
A power meter. 79/4:23
MAROVICH, SCOTT
PAT-4 blender (*T&T item*). 72/2:20
MARSH, RICHARD N.
Capacitor fidelity (*Audio Aid*). 77/4:46
MATTHEWS, C.N.G.
Learning to use transistors
1. Black boxes, how a transistor amplifies 70/2:18
2. Electrons and energy bands explored. 70/3:17
3. Starring holes, aluminum and arsenic. 70/4:16
4. The P-N junction. 71/1:16
5. What diodes are and do. 71/2:19
6. Diodes in action. 71/3:14
7. The transistor at last. 71/4:19
8. The common emitter amplifier. 72/1:34
9. Basic amplifier circuits. 72/2:24
10. H parameters. 72/2:30
11. Designing small signal amplifiers. 72/4:24
12. Bias and stabilization. 73/1:26
13. Temperature stability. 73/2:32
14. The common emitter amplifier. 73/3:24
15. More bias circuits. 73/4:22
16. Power gain. 74/1:28
17. The FET. 74/2:24
18. Concluding with the MOSFET. 74/3:28
McINTYRE, BOB
More KT88 subs (*Audio Aid*). 79/2:37
MEARS, JAMES A.
Transformerless balanced output (*Audio Aid*). 75/4:36
MERRICK, S.J.
Power parter (*Audio Aid*). 78/2:42
Upgrading your voltmeter (*Audio Aid*). 78/4:40
Modified monks shell (*Audio Aid*). 77/4:47
MEYER, DANIEL
The Tigers retort (*Letters*). 71/3:21
A super op amp preamp. 72/1:16
Optimizing the Tiger. 72/3:18
Meyer to Jung on op amp quality (*Letters*). 72/3:32
MILES, DONALD B.
AR pivots improved (*Audio Aid*). 74/3:20
MILLER, RONALD H.
Book talk. 73/4:16; 74/3:24; 75/1:31; 75/3:30; 76/1:38; 77/2:64; 78/1:57; 79/3:44
Test report: Heathkit's *Continuing Education Course, EE-3104: Electronic Circuits*. 79/1:44.
Kit report: Heathkit's Electronics Fundamentals Courses. 77/1:26
MILLER, WILLIAM
XLR checker (*Audio Aid*). 75/2:26
A cable identifier (*Audio Aid*). 76/3:32
MINER, C.R.
An ethical loudness control (*T&T item*). 72/3:26
MOFFET, ALAN T.
Better twist for sheet (*Audio Aid*). 75/2:26
MONROE, FRED
Cutting up the PAS-3 (*Letters*). 71/3:21
MOORE, RICHARD R.
Low level phono or tape preamplifier. 74/4:4
MORITKO, JOSEPH, JR.
Showcase. 79/2:2
Modifying AR's turntable for other tonearms. 77/2:10
MORITKO, MICHAEL K.
ESA-3 high voltage (*Audio Aid*). 79/1:40
MORREY, WALTER T.
Morrey's super oscillator. 75/4:3
The super buff: mating hostile impedances. 77/4:18
Kit report: Heath's IG-1272 oscillator. 78/1:50
MULLER, BERNHARD F.
IG-18 error [with David Carlstrom](*Audio Aid*). 78/2:37
Storage 'scope substitute (*Audio Aid*). 78/3:46
VTVM improvements [with David Carlstrom] (*Audio Aid*). 78/4:40
MUNCY, NEIL A.
Guest editorial. 79/1:4
NEAL, LYNN B.
The compact tower. 75/3:12
NECOCHEA, WARREN
Simplified quadpod (*Letters*). 71/3:22
NICHOLSON, JAMES
A high efficiency mid- and high-range horn. 74/1:11
NOTKINS, M.
Queries and record cleaning (*Letters*). 70/3:4
NOVACK, MARK
More on the PAT-4 (*T&T item*). 72/2:20
PARKER, EDWARD H.
How to photograph sound. 73/3:4
ORNSTEIN, RICHARD
Fascia panels (*T&T item*). 71/2:16
PARSONS, THOMAS W
Computer analyzes octalizer (*Letters*). 72/3:35
Book review: Benade's *Fundamentals of Musical Acoustics*. 77/3:44
Super stereo: wave of the future? 78/2:18
A peak-reading level meter. 73/1:7
Attenuate by ladder (*Audio Aid*). 73/3:20
Improve your circuit boards (*Audio Aid*). 73/4:18
Book review: *How to Build and Use Electronic Devices*. 74/3:26
PASS, NELSON
Reduce speaker distortion by tuning a pipe. 72/4:6
Speaker tuning: how to test. 73/2:38
The Pass A-40 power amplifier. 78/4:4
PETZOLD, A. JOHN
A white noise generator and pink filter. 76/3:3
PHILPOT, JOHN T.
Rabco revitalized (*Audio Aid*). 78/2:38
Triple tips (*Audio Aid*). 79/2:38
PISHA, B.V.
W(h)ither quadiphonics. 74/2:7
PREIS, DOUGLAS H.
A stereo delay line. 75/4:10
Product report: The Toyo Peak Level Meter. 76/1:31
Power for monsters (*Audio Aid*). 76/2:26
PRESTON, BRIAN
Coincident microphone technique. 78/4:24
RAWLINS, ERNIE
What makes a recording valuable? 72/1:17
REES, ROD
Holes, hardware and hearing [with Ron Shaffer]. 79/3:36
The sage of golden ear and meter reader [with Ron Shaffer]. 79/4:20
RELICH, NORMAN C.
JBL mods (*T&T item*). 71/3:18
Rabco and Tandbert tips (*Audio Aid*). 73/4:18
REPKA, CHARLES P.
How to found an audio group: New York's NYAS. 75/2:9
Tiger test traps (*T&T item*). 72/1:27
RESLER, ED
Tames two TEAC troubles (*Audio Aid*). 74/2:16
ROBERSON, HOWARD A.
More thoughts on tape recorder set-up. 77/1:53
ROERICHT, GUNTER
Showcase. 79/1:2
ROSS, DAVID
The NPQR revisited. 79/1:28
ROSSMASSLER, STEPHEN A.
Chuck a switch (*T&T item*). 71/1:18
Neater by cheater (*T&T item*). 72/1:27
A comparison of preamplifer construction projects. 79/2:11
ROYER, PIERRE
Crossover cues (*Audio Aid*). 75/1:30
RUETHER, DAVID
The big bass box. 78/2:4
The praying mantis. 76/2:5
Static sluice (*Audio Aid*). 76/2:26
RUSSELL, C.W.
A bilateral clipping indicator. 75/3:3
RUSSELL, ROGER H.
Speaker evaluation: ear or machine? 75/1:10; 75/2:20
SANDERS, ROGER R.
A do-it-yourself tone arm. 73/2:11
Showcase: Roger Sanders cans a Williamson for cans. 75/3:34
The Sanders electrostatic speaker. 75/4:18
A simple shock mount for your microphone. 72/1:12
Building a 10½" reel tape deck. 72/2:3
The Sanders electrostatic amplifier. 76/1:12; 76/3:39
Soundcraftsman/Dyna wed (*Audio Aid*). 76/2:28
SAUNDERS, JERRY
De-veiling the SP3A-1 (*Audio Aid*). 78/4:45
SCHAFFER, HENRY E.
Transform your monster (*Audio Aid*). 77/1:38
SCHROEDER, RICHARD
A direct reading capacitance meter. 78/4:16
SELLMAN, ROBERT
Adding 78rpm to Technics turntables (*Audio Aid*). 77/4:46
Getting the most out of a Kenwood KX-1030 (*Audio Aid*). 79/2:34
SHAFFER, RON
Holes, hardware and hearing [with Rod Rees]. 79/3:36
The saga of golden ear and meter reader [with Rod Rees]. 79/4:20
SHULTS, MARK C.
SWTP 207A (*Audio Aid*). 77/4:44
SMITH, DAVID
Gluing electrostatics (*Audio Aid*). 78/3:44
SOFRANKO, JIM
Tape amp tips (*T&T item*). 71/2:16
SOMMERWERCK, WILLIAM
dbx 117/199 mods (*Audio Aid*). 78/1:45
Decontrol for Sony decoder (*Audio Aid*). 75/3:26
SPALDING, JOHN W.
Adding Grace to AR (*Audio Aid*). 78/2:36
SPRINGER, KARL E.
More inputs for the 20/20 MKII preamp (*T&T item*). 72/3:22
SQUIRES, MICHAEL L.
Isolationist stand (*Audio Aid*). 78/4:40
Mark III microFarads multiplied (*Audio Aid*). 79/1:34
STARK, CRAIG L.
A to Z tape recorder set-up. 76/3:6; 76/4:16
Cleaner cassette cure (*Audio Aid*). 76/3:32
Design your own stitch & jack panel. 74/3:4
STEIN, JOHN A., JR.
An inexpensive PC board vise (*Audio Aid*). 76/3:34
A $10 three-element Yagi antenna for FM. 77/3:15
STEPHENS, MARK L.
Slewing induced distortion, Part 3. 77/3:21
STURM, GARY
Quadpod variations (with Arnold S. Berger). 71/4:9
SUTHEIM, PETER
The grounded ear. 79/3:54; 79/4:52
TANNEHILL, JIM
Anodized panels (*T&T item*). 71/3:20
TAYLOR, PAUL L.
Ecapping the PAT-4 (*Audio Aid*). 73/1:16
Grounding in audio circuitry. 74/3:15
Fuses: low or hi-fi? (*T&T item*). 72/4:17
Kit report: Aries 300 Synthesizer. 76/3:26
THOMAS, KARL C.
Goodmouthing the AES (*Letters*). 70/3:21
THOMPSON, D.W.
De-pop your Soundcraftsman 20-12 (*Audio Aid*). 79/1:36
THOMPSON, J.A.
A substitute 6550 (*Audio Aid*). 78/1:46
THOROMAN, JAMES
Kit report: Ace ZC preamp. 76/1:26
Kit report: Aries 300 Synthesizer [with Paul Taylor]. 76/3:26
Kit report: Proto board, model 102. 77/1:30
An amateur at an AES convention. 77/3:18
Pluperfecting PAS (correction). 74/2:28
Quick etched circuitry (*Audio Aid*). 75/3:28
TODD, CRAIG
Operation and uses for the 570/571 IC compandor chip. 76/4:3
Slewing induced distortion, part 3. 77/3:21
TOOLEY, R.D.
Crossover coil values (*Audio Aid*). 78/3:44
TRUMBULL, ROY H
Filtering unwanted RF out of audio equipment (*Audio Aid*). 78/1:48
The decline and fall of FM (editorial). 77/4:3
TRUMP, BRUCE C.
Missing: 15 seconds of a world premiere 71/2:7
TURNER, GERRY L.
Going sound fishing. 73/2:26
UPTON, JAMES S.
In defense of the ear. 75/3:36
VIKAN, RANDY
Showcase, 79/4:2
VORHIS, DAVID
A perfectionist's PAS preamp. 74/1:4
Book review: Eisenson's *Tu-be Or Not Tu-be*. 78/1:54
Kit report: The Hafler DH-101 [with Walt Jung]. 78/3:33
Kit report: Dynaco SE-10. 78/4:32
Listening tests on the Lampton-Zukauckas Mark I. 79/1:15
Test report: the Jung-White PAT-5/WJ-1A. 79/4:48
Rabco runout revision (*T&T item*). 71/4:16
Remodify Dyna's PAS preamp. 76/2:21
WADE, CLYDE E., JR.
Capacitance caveat (*Letters*). 72/2:30
Three channel bridge (*T&T item*). 72/3:24
WALDRON, BRIAN
A vacuum tube, variable frequency crossover. 79/3:6
WATLING, ALAN
Back to the wall. 74/1:16
Pandora's box. 78/1:4
The simple 4 + 4 mixer (with Reginald Williamson). 71/2:3
Showcase: superior audio craftsmanship. 72/1:33
WATSON, ALLEN III
Tape record indicator (*T&T item*). 72/1:26
WEBB, B.J.
A proven transmission line loudspeaker. 75/1:3
Component interfaces: phono cartridges 78/1:40
Arms, cartridges, turntables. 78/2:28
Setting up universal pickup arms. 78/3:42
Stylii, dirt, grooves. 78/4:28
The object all sublime (editorial). 76/2:2
WEST, ERIC
Two out of one. 75/3:18
WHITE, DAVID
Modifying the PAT-5 [with Walt Jung]. 78/1:7
Testing high power output tubes (*Audio Aid*)., 79/1:42
The PAT-5/WJ-1A: A PAT-5 WJ-1 update [with Walt Jung]. 79/3:24
WHITEHOUSE, T.C.
Record your own bomb scare. 70/1:21
WILES, JOHN C., JR.
Quiet ploys (*Audio Aid*). 78/2:36
WILEY, KURT M.
Modified Tiger amps (*T&T item* with Jim Hitt). 72/2:18
Customizing the Rabco ST-4 (*T&T item*). 72/4:18
Igor: dirty disc washer. 73/2:15
WILKERSON, FRANK C.
On location tape tips (*T&T item*). 71/4:16
WILLIAMS, RUSSELL D.
Showcase. 78/4:46
Switching equalizers, tape (*Audio Aid*). 75/3:26
WILLIAMSON, D.T.N.
The suppression of surface noise. 79/2:22
WILLIAMSON, REGINALD
Ambience, Blumlein and the super quadpod. 77/1:14; 77/2:69
Audio fundamentals (or audio basics). The matching myth, part II. 73/1:22
About equalization. 73/3:18
What is PCM? 75/3:22; 75/4:30

Author continued on page 8

AUTHOR

The twin twenty Mark II. 70/1:4
A low noise tape playback amplifier. 70/3:5
The greening of the IG-18. 71/1:7
The simple 4 + 4 mixer [with Alan Watling]. 71/2:3
The 20/20 Mark II preamp. 71/2:11
The Audio Amateur's octalizer. 72/1:3
Tape amplifier re tape (amendments column). 72/2:21
Expanding the octalizer (amendments column). 72/2:28
Audio fundamentals impedance. 72/3:27
The matching myth. 72/4:20
Hospital radio: audio for the ailing. 78/1:23
Noise reduction systems and one for amateurs. 79/3:12
Recordings review: D-to-D versus Denon. 79/3:64
The Williamson 40/40 power amplifier. 79/4:5

WILSON, PERCY
Disc pollution how to fight it. 70/1:12
Play them above the dust. 70/2:12

WINN, JOHN R.
Coax soldering trick (*Audio Aid*). 79/1:38

WINTHROP, B.L.
New York Audio Society (*Letters*). 71/1:21

ZUKAUCKAS, DONALD
The Mark I: a low distortion IC preamplifier/control unit [with Michael Lampton]. 79/1:5

TITLES

Audio mixers. Gately.
1. 76/1:4
2. 76/2:18; 76/3:39
3. 76/3:13
4. 77/3:30 (The Gately Micromixer)
5. 77/4:30 (The Gately Micromixer)
Audio performance tests for IC op amps. Jung. 78/2:32
Audio Research remakes Dynaco's Stereo 70. Dell, 77/4:4
A to Z tape recorder set-up. Stark.
1. 76/3:6
2. 76/4:16
Advent MPR-1 microphone preamp. Gloeckler 79/2:5
Amateur at an AES Convention. Thoroman. 77/3:13
Amateur's version of the Heil Air Motion Transformer. Davis. 77/2:15
Ambience, Blumlein, and the super quadpod. Williamson. 77/1:14; 77/2:69
Are four channels enough? Bayzer. 76/1:34
Audio Amateur's octalizer, the Williamson. 72/1:3
Audio fundamentals. Williamson impedance. 72/3:27
Audio fundamentals. Williamson the matching myth. 72/4:20
Audio Basics
Audio fundamentals. Williamson the matching myth, Part II. 73/1:22
About equalization. 73/3:18
What is PCM? 75/3:22; 75/4:30
Back to the wall. Watling. 74/1:16
Bailey 30-30 the. Bailey. 70/4:7
Benchmarks. Amateur. 70/2:20; 3:19
Big bass box. Ruether. 78/2:4
Bilateral clipping indicator, A. Russell. 75/3:3
Book talk. Miller. 73/4:16; 74/3:24 (plus a guest review by Thomas W. Parsons); 75/1:31; 75/3:30 (plus a guest review by Brent Gabrielsen).
Brahms vindicated, Landers. 72/3:36
Building a Bailey. 70/4:11
Building a 10½" reel tape deck. Sanders. 72/2:3
Bulk tape eraser, A. The Editor. 70/2:16
Classic Circuitry
Marantz 7C preamplifier. 74/4:36
Audio Research SP-3A-1. 75/1:38
Heathkit XO-1 crossover. 75/3:40
The Marantz crossover. 75/4:38
Coincident microphone technique. Preston. 78/4:24
Compact tower, the. Neal. 75/3:12
Comparison of preamplifier construction projects. Rossmassler. 79/2:11
Component interfaces. Webb.
1. Phono cartridges. 78/1:40
2. Arms, cartridges, turntables. 78/2:28
3. Setting up universal pickup arms. 78/3:42
4. Stylii, dirt, grooves. 78/4:28
Controlling those volts and amperes. Greene. 71/1:11
Conversations with Peter Baxandall: Part I. 79/4:12
Conversation with Henry Kloss. 71/3:3
Decline and fall of FM. (*Editorial*). Trumbull. 77/4:3
Design and build a high efficiency speaker system. Bowyer, Bowyer & Lampton. 76/3:17
Design decisions toward building your own mixer Part I. Levesley. 70/4:3
Design your own switch and jack panel. Stark. 74/3:4
Direct cut myths and problems. Hope. 79/2:16
Direct reading capacitance meter. Schroeder. 78/4:16
Disc pollution how to fight it. Wilson. 70/1:12
Do-it-yourself tonearm, A. Sanders. 73/2:11
Dubbing deck, A. Amateur. 70/4:14
Dynamic hiss filter, A. Hazlehurst. 73/2:3
Dyna's Stereo 70: A simple modification. Eisenson. 76/4:13; 77/1:47
Ear demolition. Lipscomb. 72/1:36
Edwin A + B amplifier, the. Lambrechts. 72/3:3
Electronic crossovers. Dell and Goldberg. 72/2:9
Electrostatic amplifier II. Hermeyer. 73/3:8
Electrostatic speaker system, An. Hermeyer. Part I. 72/3:11
Part II. The amplifier. 72/4:9
Experiments with the not-quite passive radiator. Eisenson. 77/1:18
Faith, fidelity, and the whatsis. Gray. 75/1:34
Family of regulated and current limiting power supplies, A. Goldberg. 74/2:13
Folded-and-stapled bass horn. Davis. 77/1:10
Four channel microphone preamp/encoder, A. Dell and Goldberg. 71/3:8
Gately micromixer. Gately. (*See also Audio mixers above.*) 77/3:30; 77/4:30
Going sound fishing. Turner. 73/2:26
Greening of the IG-18, the. Williamson. 71/1:7
Grounded ear. Sutheim. 79/3:54; 79/4:52
Grounding in audio circuitry. Taylor. 74/3:15
Heath: king kitmaker. The Editor. 70/2:9
High efficiency electrostatic loudspeaker system. Hermeyer. 77/2:4; 77/3:8
High efficiency mid-and high-range horn, A. Nicholson. 74/1:11
Hinge your FM farm. Hill. 71/4:12
Holes, hardware and hearing. Rees and Shaffer. 79/3:36
Hospital radio: audio for the ailing. Williamson. 78/1:23
How to buy a gramophone. Clements-Henry. 77/1:40
How to found an audio group. Brinton & Repka. 75/2:8
How to photograph sound. Parker. 73/3:4
IC op amps for audio. Jung.
Maximum use with minimum investment. 73/2:28
Back to the basics:
I. specifications. 74/1:23; 75/1:43
II. Basics and specifications concluded, plus a handy, simple IC checker you can build. 74/2:18; 74/3:37; 74/4:39
III. IC regulated power. 74/4:14; 75/2:38
Active filters: 75/1:22; 75/2:28; 75/3:42
IC preamp/console, An. Kunc. 74/2:4; 74/3:9; 74/4:22
Igor: dirty disc washer. Wiley. 73/2:15
Impossible void. (*Editorial*) Jung. 77/1:3
Improving the Dyna Mark III power supply. Boak. 78/1:32
Improve your Dyna PAT-4. The Editor. 70/1:14
Improve your Heath AR-15/AR-1500. Krueger. 72/3:9
In defense of the ear. Upton. 75/3:36
Issues of reliability and validity in subjective audio equipment criticism. Greenhill. 79/1:17
Jolly transmission line giant, A. Jastak. 73/4:10
Kit reports:
Electronic Enterprises' 814K electret microphone. Honeycutt. 74/3:31
Southwest Technical's headphone amp. Hill. 74/4:30
Taming Ampzilla. Jung. 75/2:11
The Heathkit IM-16 meter. 71/3:12
The Gately SM-6A mixer. 71/4:14
Phase corporation ASG-200 audio sweep and function generator. 72/1:24
L-C/H-Q Mark I. Baxandall. Part I construction and assembly. 70/2:3
L-C/H-Q Mark I. Baxandall. Part II. Center channel woofer, design, measure. 70/3:14
Learning to use transistors. Matthews.
1. Black boxes how a transistor amplifiers 70/2:1
2. Electrons and energy bands explored 70/3:18
3. Starring holes aluminum and arsenic. 70/4:16
4. The P N junction. 71/1:16
5. What diodes are and do. 71/2:19
6. Diodes in action. 71/3:14
7. The transistor at last. 71/4:19
8. The common emitter amplifier 72/1:34
9. Basic amplifier circuits. 72/2:24
10. H parameters. 72/3:30
11. Designing small signal amplifiers. 72/4:24
12. Bias and stablization. 73/1:26
13. Temperature stability. 73/2:32
14. The common emitter amplifier. 73/3:24
15. More bias circuits. 73/4:22
16. Power gain. 74/1:28
17. The FET. 74/2:24
18. Concluding with the MOSFET. 74/3:28
L.F. garbage filter, A. Jung. 75/4:14
Listening machines the. Part I. Honeycutt. 72/4:3
Listening machines, the. Part II. Honeycutt. 73/1:12
Little big horn. Lister. 78/3:12
Low level phono or tape preamplifier. Moore. 74/4:4; 75/4:40
Low noise tape playback amplifier, A. Williamson. 70/3:5
Manifesto for audio amateurs, A. Dell. 71/4:3
Mark I: a low distortion IC preamplifier/control unit. Lampton & Zukauckas. 79/1:5
Methods of protecting output transistors in audio amplifiers. Bailey. 70/3:11
Missing: 15 seconds of a world premiere. Trump. 71/2:7
Modified Dolby B, A. Gloeckler. 73/4:4
Modifying the Formula 4 tonearm. Gloeckler. 78/2:15
Modifying the PAT-5. Jung & White. 78/1:7
Modify your Heath tube-type IM distortion analyzer. Gloeckler. 76/4:9
Modifying AR's turntable for other tonearms. Moritko. 77/2:10
Modifying the Rabco SL8E. Kilmanas. 76/3:10
More facts of life on sound source localization. Bayzer. 78/3:22
More thoughts on tape recorder set-up. Roberson. 77/1:53
Morrey's super oscillator. Morrey. 75/4:3
Multipath distortion. Berglas. 73/4:24
Multipath revisited. Gloeckler. 75/1:36
Noise control in IC op amps for audio. Jung. 78/3:27
Noise reduction systems and one for amateurs. Williamson. 79/3:12
NPQR revisited. Ross. 79/1:28
Object all sublime, the. (*Editorial*) Webb. 76/2:2
Op amps for audio--*see* IC op amps for audio.
Op amps for audio: Active filters 3. Jung. 76/2:32; 76/3:39
Operation and uses for the 570/571 IC compandor chip. Jung & Todd. 76/4:3
Optimizing the Tiger. Meyer. 72/3:18
Pandora's box. Watling. 78/1:4
Pass A-40 power amplifier. Pass. 78/4:4
PAT-5/WJ-1A: A PAT-5/WJ-1 update. Jung & White. 79/3:24
Patch plug pleasure. Douglas. 70/3:8
Peak-reading level meter, A. Parsons. 73/1:7
Perfectionist's PAS preamp, A. Vorhis. 74/1:4
Play them above the dust. Wilson. 70/2:12
Power doubler, A. Hill. 73/4:16
Power meter. MacArthur. 79/4:23
Praying mantis. Ruether. 76/2:5
Precision attenuator: 111dB's around the workshop. Gloeckler. 77/4:12
Price, time and value. Amateur. 70/2:13
Product report: Toyo peak level meter. Preis. 76/1:31
Proven transmission line loudspeaker. Webb. 75/1:3; 75/3:42
Putting a god on tape. Johnson. 70/4:17
Quadpod, the. Dell and Goldberg. 71/1:3
Quadpod B, the. Dell and Goldberg. 71/2:8
Quadpod C, the. Dell and Goldberg. 71/4:7
Quadpod variations. Sturm and Berger. 71/4:9
Quality TV sound extractor. Carlstrom. 78/2:11
Record your own bomb scare. Whitehouse. 70/1:21
Recording studios by amateurs. Gabrielsen. 77/1:21
Reduce speaker distortion by tuning a pipe. Pass. 72/4:6
Remodify Dyna's PAS preamp. Vorhis. 76/2:21
Saga of golden ear and meter readers. Rees & Shaffer. 79/4:20
Sanders Electrostatic amplifier. Sanders. 76/1:12; 76/3:39
Sanders electrostatic speaker, the. Sanders. 75/4:18
Seismic platform. Eisenson. 76/1:17
Showcase: Kermit E. Johnson's mostly *TAA* derived system. 77/1:46
Showcase: Roger Sanders cans a Williamson for cans. 75/3:34
Simpler 4 + 4 mixer, the. Williamson and Watling. 71/2:3
Slewing induced distortion in audio amplifiers. Jung. 77/1:4; 77/2:22; 77/2:37; 77/3:21 (with Stephens & Todd); 77/4:22
SME shell surgery. Gloeckler. 74/4:12
Soldering, the basics. Cden. 79/2:24
Speaker evaluation: ear or machine. Russell.
1. What evidence can you believe about speaker performance? 75/1:10
2. The elegant techniques and machines. 75/2:20
Speaker Saver: thumpless solid state audio. Jung. 77/3:4
Stepped attenuators. Gloeckler. 72/2:14
Stereo delay line, A. Preis. 75/4:10
Storage cabinet for phonograph discs, The Editor. 78/2:22
Super buff: mating hostile impedances. Morrey. 77/4:18
Super brute, the. Landers. 73/3:11
Super op amp preamp, A. Meyer. 72/1:16
Super power amplifiers: an aural comparison. Jung. 77/2:62
Super stereo: wave of the future? Parsons. 78/2:18
Suppression of surface noise. Williamson. 79/2:22
Tall, portable microphone stand. Douglas. 76/4:26
Tapeniques: constructing a slide show. Jobson. 74/4:34
Tapeniques. Jobson.
Practical tape recording. 70/3:13
A tapespondent's baedeker. 70/4:18
Preflight checkup. 71/1½20
Tape editting. 71/2:21
Ultra simple encoding. 71/3:17
Long evening jobs. 71/4:18
Record compensation. 72/1:21
Denoising. 72/2:21
$10 three-element Yagi antenna for FM. Stein. 77/3:15
Test bench filter set, A. Gloeckler. 75/1:16
Thermal primer. Boak. 78/4:13
Transient response: a do-it-yourself clinic. Eisenson. 77/2:12
Transmission line speaker. Jastak. 73/1:3
20/20 Mark II preamp, the. Williamson. 71/2:11
Twin twenty Mark II, the. Williamson. 70/1:4
Two out of one. West. 75/3:18
Two tracking trains. Hoaglain. 71/3:13
Vacuum system for cleaning recordings. Borden. 76/1:6; 76/3:39
Vacuum tube, variable frequency crossover. Waldron. 79/3:6
Variable frequency equalizer, A. The staff. 75/2:3; 75/4:40
Warbler. Crawford. 79/1:22
We visit Audio Research. The Editor. 75/3:5
We visit Peter Walker and Quad. The Editor. 78/3:4
What makes a recording valuable? Jackson. 72/1:32
What makes a recording valuable? Rawlings. 71/1:17
White noise generator and pink filter. Petzold. 76/3:3
W(h)ither quadiphonics. Pisha. 74/2:7
Williamson 40/40 power amplifier. Williamson. 79/4:5